



Jetway IPC

Top Quality • Stable & Solid

2019/2020

Industrial Product Selection Guide

JETWAY INFORMATION CO., LTD.
www.jetwayipc.com



Introduction



Genuine and Trusty : Professional Jetway

Jetway Information Co., Ltd. was established in Taipei, Taiwan 1986, is a world-leading innovator and manufacturer, by providing wide-range PC peripheral solutions and services to meet customers' needs.

Jetway entered the Industrial PC market in 2005 by developing Single-Board Computers and non-PC platforms. With our expertise, Jetway has built a well-known reputation at IPC markets. Jetway IPC solution products have been successfully phased-in to several applications: points of sale (POS), Kiosk and Digital signage, Surveillance system, Industrial Automation, Health Care Terminals, Gaming and Amusement Industrial, Residential control, Transportation, Military, In-Car System, Tele-Communication, Banking/ATM, Storage...etc.

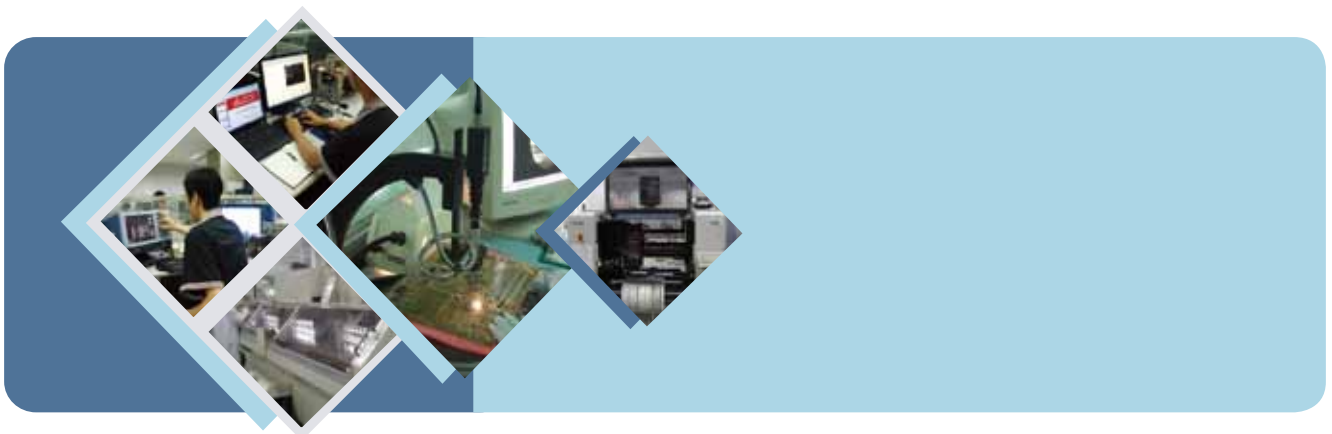
Dedicated in Perfection, and Creative Jetway!

More than 100 highly qualified engineers support with our experienced sales teams, global business units and partners to create solutions that meet our customer's application demand. Jetway's product longevity, professional engineering, fast support, and value-added services, helps create a sustainable and viable embedded solution for OEMs and system integrators.

Jetway offers comprehensive system integration, hardware, software, customer-centric design services, and global logistics support. Jetway's mission is to offer you an accelerated time-to-market, reduced total-cost-of-ownership and an improved overall application with leading-edge, highly-reliable embedded technology.

"Stay modest, keep moving on".

We emphasize value, quality and service. Starting from the design stage, we focus on the value that can be integrated into products. You will always find Jetway products delivering high performance, rich features, and good cost structure. Quality cannot be over-emphasized more in Jetway. It begins from the design phase. All the processes care consistency and Service is the number one priority in Jetway. It is a package of various supports that we offer to our partners. It includes in-time market information, product update, prompt delivery, flexible production, quick time-to-market cycle, fast RMA and warranty, local warehouse, convenient on-site service, and around the clock technical support.



ProductMatrix

Category	Intel Denverton Solution	Intel Apollo Lake	Intel Apollo Lake	Intel Apollo Lake
Model	JNF699-C3758	JNF692G6-335B1/420B1/345B1	JNF692G6-335/420/345	JNF694-3350/4200
Form Factor	Mini-ITX	Slim Mini-ITX	Slim Mini-ITX	Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Denverton C3758	Intel Apollo Lake N3350/N4200/J3455	Intel Apollo Lake N3350/N4200/J3455	Intel Apollo Lake N3350/N4200
Memory	4* DDR4 2400/2133 MHz UDIMM/RDIMM up to 256GB w/ ECC	1* DDR3L 1866MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB	2* DDR3L 1866MHz SODIMM up to 8GB
Integrated Graphics	N/A	Intel GFX	Intel GFX	Intel GFX
SATA	4 SATAIII Support RAID 0,1,5,10	1 SATAIII	1 SATAIII	1 SATAIII
m-SATA	No	1 Full Size	1 Full Size	No
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size
M.2	1 (M-key 2242/2260/2280)	No	No	1 (M-key 2242/2260)
SIM Card holder	No	1 INT	1 INT	1 INT
Audio	No	No	No	Realtek ALC662VD
Ethernet	Dual Intel i211AT GbE, 4* 10GbE SFP+	Six Intel i211AT GbE (Two for ByPass)	Six Intel i211AT GbE	Dual Realtek RTL8111H GbE
USB	3 EXT USB 3.0 2 INT USB 2.0	2 EXT USB 3.0 2 INT USB 2.0	2 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 3 INT USB 2.0
COM	2 INT RS232	1 EXT RS232 (RJ45 type) 1 INT RS232/422/485 2 INT RS232	1 EXT RS232 (RJ45 type) 1 INT RS232/422/485 2 INT RS232	3 EXT RS232 1 EXT RS232/422/485 2 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	No	1 INT	1 INT	1 EXT
VGA	1 INT	No	No	No
DVI	No	No	No	No
Display Port	No	No	No	1 EXT
LVDS / eDP	No	No	No	1* 24 Bit Dual CH LVDS
Multiple Display	No	No	No	Triple
PS/2	No	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x8 (use PCIe x16 slot)	1* PCI Express x1 (Horizontal)	1* PCI Express x1 (Horizontal)	1* PCI Express x1
TPM	TPM2.0 onboard	No	No	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX + 8pin 12V	12V 2-pin header	12V 2-pin header	24pin ATX
AT mode	Yes	Yes	Yes	Yes
Page	24	25	26	27

ProductMatrix

Category	Intel Apollo Lake	Intel Apollo Lake	Intel Apollo Lake	Intel Apollo Lake
Model	JNF694L-3350/4200	JNF695HV-3455	JNF695L-3455	JNF894-3455
Form Factor	Mini-ITX	Slim Mini-ITX	Slim Mini-ITX	Slim Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Apollo Lake N3350/N4200	Intel Apollo Lake J3455	Intel Apollo Lake J3455	Intel Apollo Lake J3455
Memory	1* DDR3L 1866MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB	2* DDR3L 1866MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	1 SATAIII	1 SATAIII	1 SATAIII
m-SATA	No	No	No	No
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size
M.2	1 (M-key 2242/2260)	1 (M-key 2242/2260)	1 (M-key 2242/2260)	1 (M-key 2242/2280)
SIM Card holder	No	1 INT	No	1 INT
Audio	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	One Realtek RTL8111H GbE	Dual Realtek RTL8111H GbE	One Realtek RTL8111H GbE	Dual Intel I211-AT GbE
USB	4 EXT USB 3.0 3 INT USB 2.0	4 EXT USB 3.0 6 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 3 INT USB 2.0
COM	4 EXT RS232	1 INT RS232/422/485 9 INT RS232 (COM1~3 With Powered 5V/12V)	2 INT RS232 (COM1~2 With Powered 5V/12V)	5 INT RS232 1 INT RS232/422/485 (COM1 w/ 5V/12V)
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	1 EXT	1 EXT	2 EXT	2 EXT
VGA	No	1 EXT	No	No
DVI	No	No	No	No
Display Port	1 EXT	No	No	1 EXT select w/HDMI
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS/ eDP (40 pin connector)	1* 24 Bit Dual CH LVDS/ eDP (40 pin connector)	1* 24 Bit Dual CH LVDS/ eDP(40 pin connector)
Multiple Display	Triple	Triple	Dual	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x1	No	No	No
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX	12V DC-in jack	12V DC-in jack	9-36V DC IN
AT mode	Yes	Yes	Yes	Yes
Page	28	29	30	31

Product Matrix

Category	Intel Apollo Lake	Intel Braswell Solution	Intel Braswell Solution	Intel Braswell Solution
Model	NC8J-I3455	JNF591-3160	JNF596-3160	JNF792-3160
Form Factor	Slim Mini-ITX	Slim Mini-ITX	Mini-ITX	Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Apollo Lake N3350/J3455	Intel Braswell N3160	Intel Braswell N3160	Intel Braswell N3160
Memory	1* DDR3L 1866MHz SODIMM up to 8GB	2* DDR3L 1600MHz SODIMM up to 8GB	1* DDR3L 1600MHz SODIMM up to 8GB	2* DDR3L 1600MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	2 SATAII (1 share w/M.2)	1 SATAIII	1 SATAIII
m-SATA	No	No	1 Full Size	No
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size
M.2	1 (M-key 2242)	1 (M-key 242/2260/2280)	No	1 (M-key 2242/2260)
SIM Card holder	1 INT	1 INT	1 INT	1 INT
Audio	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111H GbE
USB	2 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0	4 EXT USB 3.0 3 INT USB 2.0	4 EXT USB 3.0 3 INT USB 2.0	3 EXT USB 3.0 1 EXT USB 2.0 6 INT USB 2.0
COM	2 EXT COM 2 INT COM	1 EXT RS232/422/485 5 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 1 EXT RS232/422/485 4 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 1 EXT RS232/422/485 4 INT RS232 (w/ 5V/12V selectable header)
RJ11	No	No	No	No
Parallel	No	No	No	1 EXT
HDMI	1 INT	No	1 EXT	1 EXT
VGA	No	1 INT	No	1 EXT
DVI	No	1 EXT DVI-D	1 EXT DVI-D	No
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS/ eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS
Multiple Display	Triple	Triple	Triple	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	No	1* PCI Express x1	1* PCI Express x1	1* PCI Express x1
TPM	No	No	No	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	No	No	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	12V DC-IN	12V Lockable DC-in jack	12V DC-in jack	24pin ATX
AT mode	Yes	Yes	Yes	Yes
Page	32	33	34	35

ProductMatrix

Category	Intel Braswell Solution	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution
Model	JNF792I-3160	JNF9HB-2930	JNF9HG-2930	JNF9M-2930
Form Factor	Mini-ITX	Slim Mini-ITX	Slim Mini-ITX	Slim Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Braswell N3160	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Bay Taril N2930
Memory	2* DDR3L 1600MHz SODIMM up to 8GB	2* DDR3L 1333MHz SODIMM up to 8GB	2* DDR3L 1333MHz SODIMM up to 8GB	2* DDR3L 1333MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	2 SATAII (1 share w/mSATA)	2 SATAII (1 share w/mSATA)	2 SATAII (1 share w/mSATA)
m-SATA	No	1 Full Size (Shared SATA2)	1 Full Size (Shared SATA2)	1 Full Size (Shared SATA2)
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size
M.2	1 (M-key 2242/2260)	No	No	No
SIM Card holder	1 INT	1 INT	1 INT	No
Audio	Realtek ALC662VD	No	No	Realtek ALC662
Ethernet	Dual Intel i211AT GbE	Four Intel i211AT GbE (Two for ByPass)	Four Intel i211AT GbE	One Realtek RTL8111G GbE
USB	3 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0, 3 EXT USB 2.0 2 INT USB 3.0, 2 INT USB 2.0
COM	1 EXT RS232 1 EXT RS232/422/485 2 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 1 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 1 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232/422/485 3 INT RS232 (w/ 5V/12V selectable header)
RJ11	No	No	No	No
Parallel	1 EXT	No	No	1 INT
HDMI	1 EXT	No	No	No
VGA	1 EXT	1 INT	1 INT	No
DVI	No	No	No	1 EXT DVI-I
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	No	No	1* 24 Bit Dual CH LVDS
Multiple Display	Triple	No	No	Dual
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI	2* PCI Express x 1 (One is Horizontal)	2* PCI Express x 1 (One is Horizontal)	1* PCI Express x1
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX	12V DC-in jack	12V DC-in jack	9V~36V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	36	37	38	39

Product Matrix

Category	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution
Model	JNF9N-2930	JNF9T-2930	JNF9U-2930	JNLBT-I1900
Form Factor	Mini-ITX	Mini-ITX	Mini-ITX	Slim Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Bay Taril J1900
Memory	2* DDR3L 1333MHz SODIMM up to 8GB	1* DDR3L1333MHz SODIMM up to 8GB	1* DDR3L1333MHz SODIMM up to 8GB	1* DDR3L1333MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	2 SATAII (1 share w/mSATA)	2 SATAII (1 share w/mSATA)	2 SATAII (1 share w/mSATA)	1 SATAII
m-SATA	1 Full Size (Shared SATA2)	1 Full Size (Shared SATA2)	1 Full Size (Shared SATA2)	1 Full Size
Mini PCIe	1 Full Size	1 Half Size	1 Half size	1 Full Size
M.2	No	No	No	No
SIM Card holder	No	No	No	No
Audio	Realtek ALC662	Realtek ALC662	Realtek ALC662GR W/3W Amplifier	Realtek ALC887GR W/3W Amplifier
Ethernet	One Intel i211AT GbE	One Intel 82583V GbE	Dual Realtek RTL8111G GbE	One Realtek RTL8111G GbE
USB	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 5 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 2 INT USB 2.0
COM	1 EXT RS232 1 INT RS232	1 EXT RS232/422/485 1 EXT RS232, 3 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232/422/485 5 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 5 INT RS232
RJ11	No	No	1 EXT	No
Parallel	1 INT	1 EXT	1 EXT	1 INT
HDMI	1 EXT	1 EXT	1 EXT	1 INT
VGA	1 EXT	1 EXT	1 EXT	1 EXT
DVI	No	No	No	No
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS
Multiple Display	Dual	Dual	Dual	Dual
PS/2	1 EXT	1 EXT	1 EXT	1 INT
Expansion slot	1* PCI Express x1	1* PCI Express x1	1* PCI Express x1	1* PCI Express x1
TPM	No	No	onboard 1.2/2.0 option	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	No	No	No
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	12V DC-in jack	12V DC-in jack, 4 PIN 12V ATX Power	9V ~ 24V DC-in jack	12V 4-pin DC-in jack
AT mode	Yes	Yes	Yes	No
Page	40	41	42	43

Product Matrix

Category	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel 4th Generation
Model	JNLBT-I1900-2L	JIMB-1900-2L	JNC7K-I1900	JNF9J-Q87
Form Factor	Mini-ITX	Slim Mini-ITX	Slim Mini-ITX	Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	Intel Q87
Processor	Intel Bay Taril J1900	Intel Bay Taril J1900	Intel Bay Taril J1900	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	1* DDR3L1333MHz SODIMM up to 8GB	1* DDR3L1333MHz SODIMM up to 8GB	1* DDR3L1333MHz SODIMM up to 8GB	2* DDR3 1600MHz SODIMM up to 16GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAII	1 SATAII	1 SATAII	5 SATAIII Support RAID 0,1, 5,10
m-SATA	1 Full Size	No	1 Full Size	1 Full size (Shared)
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size (Shared)
M.2	No	1 (M-key 2242/2260)	No	No
SIM Card holder	No	1 INT	No	No
Audio	Realtek ALC662GR W/3W Amplifier	Realtek ALC662GR W/3W Amplifier	Realtek ALC662 W/3W Amplifier	Realtek ALC662
Ethernet	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	One Realtek RTL8111G GbE	Dual Intel GbE (i217LM, i211AT)
USB	1 EXT USB 3.0 3 EXT USB 2.0 2 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 6 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 5 INT USB 2.0	2 EXT USB 3.0, 4 EXT USB 2.0 2 INT USB 3.0, 4 INT USB 2.0
COM	1 EXT RS232/422/485 5 INT RS232	2 INT RS232/422/485 10 INT RS232	1 EXT RS232 5 INT RS232	1 EXT RS232/422/485 1 EXT RS232 2 INT RS232
RJ11	No	No	No	No
Parallel	1 EXT	1 INT	No	No
HDMI	1 INT	1 INT	No	1 EXT
VGA	1 EXT	1 EXT	1 EXT	1 EXT
DVI	No	No	No	1 EXT DVI-D
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS (option eDP)	1* 24 Bit Dual CH LVDS
Multiple Display	Dual	Dual	Dual	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x1	No	No	1* PCI Express x16
TPM	No	No	No	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	No	No	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	12V 4-pin DC-in jack	12V DC-in jack	12V DC-in jack	24pin ATX + 4pin 12V
AT mode	No	Yes	No	Yes
Page	44	45	46	47

ProductMatrix

Category	Intel 4th Generation	Intel 4th Generation	Intel 4th Generation	Intel 4th Generation
Model	JNF9Q-Q87	JNF9QU-Q87	JNC9VL-H81	JNC6I-IH81
Form Factor	Mini-ITX	Mini-ITX	Thin Mini-ITX	Mini ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	Intel Q87	Intel Q87	Intel H81	Intel H81
Processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	2* DDR3 1600MHz SODIMM up to 16GB	2* DDR3 1600MHz SODIMM up to 16GB	2* DDR3 1600MHz SODIMM up to 16GB	2* DDR3 1600MHz SODIMM up to 16GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	4 SATAIII Support RAID 0,1, 5,10	4 SATAIII Support RAID 0,1, 5,10	1 SATAIII 1 SATAII	2 SATAIII
m-SATA	1 Full size	1 Full size (Shared)	1 Full size	1 Full size (Shared)
Mini PCIe	1 Half Size 1 Full Size (Shared)	1 Half Size 1 Full Size (Shared)	1 Half Size	2 Full Size (1 Shared)
M.2	No	No	No	No
SIM Card holder	No	No	No	1 INT
Audio	Realtek ALC662	Realtek ALC662	Realtek ALC662 W/3W AMP	Realtek ALC662GR W/3W AMP
Ethernet	Dual Intel GbE (i217LM, i211AT)	Dual Intel GbE (i217LM, i211AT)	One Intel i217LM GbE	Dual Intel i211AT GbE
USB	4 EXT USB 3.0 2 INT USB 3.0 4 INT USB 2.0	4 EXT USB 3.0 2 INT USB 3.0 4 INT USB 2.0	2 EXT USB 3.0 2 EXT USB 2.0 4 INT USB 2.0	4 EXT USB 3.0 2 EXT USB 2.0 6 INT USB 2.0
COM	1 EXT RS232/422/485 2 EXT RS232 2 INT RS232	1 EXT RS232/422/485 1 EXT RS232 2 INT RS232	No	2 EXT RS232/422/485 2 INT RS232/422/485 8 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	1 EXT	1 EXT	1 EXT	1 EXT
VGA	No	1 EXT	No	2 EXT
DVI	1 EXT DVI-I	1 EXT DVI-D	1 EXT DVI-I	No
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	No	1* 24 Bit Dual CH LVDS	No
Multiple Display	Triple	Triple	Dual	Dual
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x4	1* PCI Express x4	1* PCI Express x1	1* PCI Express x16
TPM	No	onboard 1.2/2.0 option	No	TPM1.2/2.0 Header
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	No	Yes
GPIO	Yes	Yes	No	Yes
Power Pequirement	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	19V DC-In jack	24pin ATX + 4pin 12V
AT mode	Yes	Yes	Yes	Yes
Page	48	49	50	51

ProductMatrix

Category	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform
Model	JNF592-Q170	JNF594-Q170	JNF697-Q170	JNF793-Q170
Form Factor	Slim Mini-ITX	Mini-ITX	Mini-ITX	Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	Intel Q170	Intel Q170	Intel Q170	Intel Q170
Processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	2* DDR3L 1600MHz SODIMM up to 16GB	2* DDR4 2133MHz SODIMM up to 32GB	2* DDR4 2133MHz SODIMM up to 32GB	2* DDR4 2133MHz SODIMM up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	6 SATAIII Support RAID 0,1, 5,10	4 SATAIII Support RAID 0,1, 5,10	4 SATAIII Support RAID 0,1, 5,10	4 SATAIII Support RAID 0,1, 5,10
m-SATA	No	1 Full size (Shared)	No	1 Full Size
Mini PCIe	1 Full Size	1 Half Size 1 Full Size (Shared)	1 Full Size	1 Half size
M.2	No	No	No	No
SIM Card holder	1 INT	No	1 INT	1 INT
Audio	No	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Eight Intel GbE (1* i219LM, 7* i211AT)	Dual Intel GbE (i219LM, i211AT)	Dual Intel GbE (i219LM, i211AT)	Dual Intel GbE (i219LM, i211AT)
USB	2 EXT USB 3.0 4 INT USB 2.0	6 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0
COM	1 EXT RS232 (RJ45 type)	1 EXT RS232/422/485, 1 EXT RS232 1 INT RS232/422/485, 1 INT RS232	2 EXT RS232/422/485 4 INT RS232	2 EXT RS232/422/485 4 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	1 INT	1 EXT	1 EXT	3 EXT
VGA	No	No	No	No
DVI	No	1 EXT DVI-D	No	No
Display Port	No	1 EXT	2 EXT	1 EXT (option W/HDMI)
LVDS / eDP	No	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	No
Multiple Display	No	Triple	Triple	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x 4 (Horizontal)	1* PCI Express x16	1* PCI Express x 4 (Horizontal)	1* PCI Express x 4 (Horizontal)
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX + 4pin 12V	24pin ATX + 4pin 12V	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	52	53	54	55

Product Matrix

Category	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform
Model	JNF795-Q170	JNF595-H110	JNF693-H110	JNF791-3855/3955
Form Factor	Slim Mini-ITX	Thin Mini-ITX	Mini-ITX	Mini-ITX
Dimension	170 x 170 mm	170 x 170mm	170 x 170 mm	170 x 170 mm
Chipset	Intel Q170	Intel H110	Intel H110	SoC
Processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	Intel SkyLake Celeron 3855U / 3955U
Memory	2* DDR4 2133MHz SODIMM up to 32GB	2* DDR4 2133MHz SODIMM up to 32GB	2* DDR4 2133MHz SODIMM up to 32GB	2* DDR4 2133MHz SODIMM up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	4 SATAIII Support RAID 0,1, 5,10	2 SATAIII	2 SATAIII	1 SATAIII
m-SATA	1 full size (SATA+USB)	1 Full Size	1 Full Size (shared)	1 Full Size (shared)
Mini PCIe	1 half size (PCIe+USB)	1 Full Size	1 Full Size (shared)	1 Full Size 1 Full Size (Shared)
M.2	1 (E-key 2230)	No	1 (M-Key 2242/2260)	No
SIM Card holder	1 INT (back)	No	1 INT	No
Audio	No	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Four Intel GbE (i219LM, i211AT)	One Intel i219V GbE	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111H GbE
USB	4 EXT USB 3.0 2 INT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 4 INT USB 2.0	4 EXT USB 3.0 4 INT USB 2.0	4 EXT USB 3.0 5 INT USB 2.0
COM	1 EXT RS232 (RJ45 type)	1 INT RS232/422/485 1 INT RS232	1 EXT RS232/422/485, 3 EXT RS232 1 INT RS232/422/485, 1 INT RS232	1 EXT RS232/422/485 9 INT RS232
RJ11	No	No	No	1 EXT
Parallel	No	No	No	1 EXT
HDMI	1 EXT	1 EXT	1 EXT	1 EXT
VGA	No	No	No	1 EXT
DVI	No	No	No	No
Display Port	No	1 EXT	1 EXT	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS	1* eDP	1* 24 Bit Dual CH LVDS 1* eDP
Multiple Display	Dual	Dual	Dual	Triple
PS/2	1 INT	1 INT	1 INT	1 EXT
Expansion slot	1* PCI Express x 16	1* PCI Express x1	1* PCI Express x16	1* PCI Express x1
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	No	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX + 4pin 12V	19V DC-In jack	24pin ATX + 4pin 12V	12V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	56	57	58	59

ProductMatrix

Category	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform	Intel 6th Generation Plateform
Model	JNC6J-I3855-6C	JNC6J-I3855-2L	JNC8D-I3855	JNC8D-I3855-2L
Form Factor	Mini-ITX	Slim Mini ITX	Slim Mini-ITX	Slim Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170 mm	170 x 170 mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel SkyLake Celeron 3855U	Intel SkyLake Celeron 3855U	Intel SkyLake Celeron 3855U	Intel SkyLake Celeron 3855U
Memory	1* DDR4 2133MHz SODIMM up to 16GB	1* DDR4 2133MHz SODIMM up to 16GB	1* DDR4 2133MHz SODIMM up to 16GB	1* DDR4 2133MHz SODIMM up to 16GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	1 SATAIII	1 SATAIII	1 SATAIII
m-SATA	No	No	1 Full Size	1 Full Size
Mini PCIe	1 Full Size	1 Full Size	1 Full Size	1 Full Size
M.2	1 (M-Key 2242/2260)	1 (M-Key 2242/2260)	No	No
SIM Card holder	1 INT	1 INT	1 INT	1 INT
Audio	Realtek ALC662GR W/3W Amplifier	Realtek ALC662GR W/3W Amplifier	Realtek ALC662 W/3W Amplifier	Realtek ALC662 W/3W Amplifier
Ethernet	One Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	One Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE
USB	2 EXT USB 3.0, 2 EXT USB 2.0 2 INT USB 3.0, 1 INT USB 2.0	2 EXT USB 3.0 2 INT USB 3.0 3 INT USB 2.0	4 EXT USB 3.0 2 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 4 INT USB 2.0
COM	1 INT RS232/422/485 5 INT RS232	2 INT RS232/422/485 8 INT RS232	4 INT RS232	4 INT RS232
RJ11	No	No	No	No
Parallel	1 INT	1 INT	No	No
HDMI	1 EXT	1 EXT	1 EXT	1 EXT
VGA	1 EXT	1 EXT	1 INT	1 INT
DVI	No	No	No	No
Display Port	1 EXT (Option)	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS 1* eDP(Optional)	1* 24 Bit Dual CH LVDS 1* eDP(Optional)	1* 24 Bit Dual CH LVDS 1* eDP	1* 24 Bit Dual CH LVDS 1* eDP
Multiple Display	Triple	Triple	Triple	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	No	No	No	No
TPM	No	No	No	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	12V DC-in jack	12V DC-in jack	12V DC-in jack	12V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	60	61	62	63

ProductMatrix

Category	Intel 8th Generation Plateform	Intel 8th Generation Plateform	Intel 8th Generation Plateform	Intel 8th Generation Plateform
Model	JNF796-Q370	JNF797-Q370	JNF893-H310	JNC8H-IH310
Form Factor	Mini-ITX	Mini-ITX	Thin Mini-ITX	Slim Mini-ITX
Dimension	170 x 170 mm	170 x 170 mm	170 x 170mm	170 x 170 mm
Chipset	Intel Q370	Intel Q370	Intel H310	Intel H310
Processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	2* DDR4 2666MHz SODIMM up to 32GB	2* DDR4 2666MHz SODIMM up to 32GB	2* DDR4 2666MHz SODIMM up to 32GB	2* DDR4 2666MHz SODIMM up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	5 SATAIII Support RAID 0,1, 5,10	2 SATAIII Support RAID 0,1	2 SATAIII	1 SATAIII
m-SATA	1 Full Size (Shared Mini-PCIe)	No	No	No
Mini PCIe	1 Half Size 1 Full Size(Shared mSATA)	No	No	No
M.2	No	1 (M Key 2242/2260/2280) 1 (E Key 2230)	1 (M Key 2242/2260/2280) 1 (E Key 2230)	1 (M Key 2242/2260/2280) 1 (E Key 2230)
SIM Card holder	Yes	No	No	No
Audio	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Dual Intel Gigabit (i219LM, i211AT)	Dual Intel Gigabit (i219LM, i211AT)	One Intel I219-V GbE	Dual Intel Gigabit (i219V, i211AT)
USB	4 EXT USB 3.1 (Gen. 2) 2 EXT USB 3.0, 4 INT USB 3.0 2 INT USB 2.0	4 EXT USB 3.1(Gen. 2) 2 INT USB 3.1(Gen. 2) 4 INT USB 2.0	4 EXT USB 3.1(Gen. 2) 4 INT USB 2.0	4 EXT USB 3.1(Gen. 2) 5 INT USB 2.0
COM	2 EXT RS232/422/485 4 INT RS232	2 EXT RS232/422/485	1 INT RS232	4 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	1 EXT	1 EXT	1 EXT	1 EXT
VGA	1 EXT	No	No	1 EXT
DVI	No	No	No	No
Display Port	1 EXT	2 EXT(one select w/ HDMI)	1 EXT	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* eDP	1* 24 Bit Dual CH LVDS (option w/ eDP)	1* 24 Bit Dual CH LVDS (option w/ eDP)
Multiple Display	Triple	Triple	Triple	Triple
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	1* PCI Express x16	1* PCI Express x4 (Horizontal)	1* PCI Express x1	1* PCI Express x4
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	24pin ATX + 4pin 12V	9V ~ 36V DC-in jack	19V DC-in jack	12V~ 24V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	64	65	66	67

ProductMatrix

Category	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel Bay Trail Solution
Model	JNF3A-2930	JNF3AE-2930	JNF532-2930	JNF831-2930
Form Factor	3.5"	3.5"	3.5"	3.5"
Dimension	148 x 102mm	148 x 102mm	148 x 102mm	148 x 102mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Bay Taril N2930
Memory	1* DDR3L 1333MHz SODIMM, up to 8GB	1* DDR3L 1333MHz SODIMM, up to 8GB	1* DDR3L 1333MHz SODIMM, up to 8GB	1* DDR3L 1333MHz SODIMM, up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	1 SATAII	1 SATAII	1 SATAII
m-SATA	1 Full Size (shared Mini-PCle)	1 Full Size (shared Mini-PCle)	1 Full Size (shared Mini-PCle)	No
Mini PCIe	1 Half Size 1 Full Size (Shared mSATA)	1 Half Size 1 Full Size (Shared mSATA)	1 Half Size 1 Full Size (Shared mSATA)	1 Full Size
M.2	No	No	No	1 (M-Key 2242/2280) 1 (E-Key 2230)
SIM Card holder	No	No	1 INT	1 EXT
Audio	Realtek ALC662	Realtek ALC662	Realtek ALC662	Realtek ALC662
Ethernet	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111G GbE	One Realtek RTL8111G GbE
USB	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 3 EXT USB 2.0 4 INT USB 2.0
COM	1 INT RS232/422/485 (With Powered 5V/12V) 3 INT RS232	1 INT RS232/422/485 (With Powered 5V/12V) 3 INT RS232	1 INT RS232/422/485 (With Powered 5V/12V) 3 INT RS232	1 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	No	No	No	1 EXT
VGA	No	1 EXT	1 INT	1 EXT
DVI	1 EXT DVI-I	No	1 EXT DVI-D	No
Display Port	No	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS 1* eDP	No	1* eDP
Multiple Display	Dual	Dual	Dual	Dual
PS/2	1 INT	1 INT	1 INT	1 INT
Expansion slot	No	No	No	No
TPM	No	No	No	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	12V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	68	69	70	71

Product Matrix

Category	Intel Bay Trail Solution	Intel Braswell Solution	Intel Apollo Lake Solution	Intel Apollo Lake Solution
Model	JNF533M-1900	JNF531M-3160	JNF631 Series	JNF832 Series
Form Factor	3.5"	3.5"	3.5"	3.5"
Dimension	148 x 102mm	148 x 102mm	148 x 102mm	148 x 102mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Bay Trail J1900	Intel Braswell N3160	Intel Apollo Lake N3350/N4200	Intel Apollo Lake J3455
Memory	1* DDR3L 1333MHz SODIMM, up to 8GB	1* DDR3L 1600MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAII	1 SATAIII	1 SATAIII	1 SATAIII
m-SATA	No	No	No	No
Mini PCIe	1 Half size 1 Full size	1 half Size	1 Full Size	1 Full Size
M.2	1 (M-Key 2242)	1 (M-Key 2242)	1 (M-Key 2242)	1 (M-Key 2242/2280) 1 (E-Key 2230)
SIM Card holder	1 INT	No	1 INT	1 EXT
Audio	No	Realtek ALC662VD	Realtek ALC662	Realtek ALC662VD
Ethernet	Four Intel i211AT GbE	Dual Intel i211AT GbE	Dual Intel i211AT GbE	One Realtek RTL8111H GbE
USB	1 EXT USB 3.0 1 EXT USB 2.0 2 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0	4 EXT USB 3.0 2 INT USB 2.0
COM	1 EXT RS232 1 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232 (RJ45 Type) 1 INT RS232/422/485 4 INT RS232	1 EXT RS232 (RJ45 Type) 1 INT RS232/422/485 4 INT RS232	1 INT RS232
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	No	1 EXT	No	2 EXT
VGA	1 INT	No	No	No
DVI	No	No	No	No
Display Port	No	1 EXT	2 EXT	No
LVDS / eDP	No	1* 24 Bit Dual CH LVDS	1* eDP	1* eDP
Multiple Display	No	Triple	Triple	Triple
PS/2	1 INT	No	1 INT	No
Expansion slot	No	No	No	No
TPM	No	No	No	onboard 1.2/2.0 option
CF/CFast	No	No	1 EXT micro SD card	No
CAN Bus	No	No	No	No
SMBus	Yes	No	Yes	Yes
GPIO	Yes	Yes	Yes	Yes
Power Requirement	12V Lockable DC-in jack	9V ~ 36V Lockable DC-in jack	12V DC-in jack	12V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	72	73	74	75

ProductMatrix

Category	Intel 4th/5th Generation	Intel 6th/7th Generation	Intel 6th/7th Generation	Intel 6th/7th Generation
Model	JNF3E Series	JNF632E Series	JNF731 Series	JNU792C2S-7100U
Form Factor	3.5"	3.5"	3.5"	uTX
Dimension	148 x 102mm	148 x 102mm	148 x 102mm	112 x 117mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Haswell-U /Broadwell-U	Intel Skylake-U / Kabylake-U	Intel Skylake-U / Kabylake-U	Intel Kabylake i3-7100U
Memory	2* DDR3L 1333/1600MHz SODIMM up to16GB	2 * DDR4 2133MHz Dual CH SO-DIMM up to 32GB	1* DDR4 2133MHz Dual CH SO-DIMM up to 16GB	2* DDR4 2133MHz SODIMM up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	1 SATAIII	1 SATAIII	1 SATAIII
m-SATA	1 Full Size (shared Mini-PCle)	1 Full Size (shared Mini-PCle)	1 Full Size (shared Mini-PCle)	1 Full Size (shared Mini-PCle)
Mini PCIe	1 Half Size 1 Full Size (Shared mSATA)	1 Half Size 1 Full Size (Shared mSATA)	1 Half Size 1 Full Size (Shared mSATA)	1 Half Size 1 Full Size (Shared mSATA)
M.2	No	No	No	No
SIM Card holder	No	No	1 INT	1 EXT
Audio	Realtek ALC662	Realtek ALC662VD	No	Realtek ALC662VD
Ethernet	Dual Intel GbE (i218LM, i211AT)	Dual Intel GbE (i211AT, i219LM)	Four Intel GbE (3* i211AT, 1* i219LM)	Dual Intel GbE (i211AT, i219LM)
USB	4 EXT USB 3.0 2 EXT USB 2.0 3 INT USB 2.0	4 EXT USB 3.0 2 EXT USB 2.0 5 INT USB 2.0	2 EXT USB 3.0 3 INT USB 2.0	2 Front USB 3.0, 2 Front USB 2.0 4 Rear USB 3.0, 3 INT USB 2.0
COM	1 INT RS232/422/485 (w/ 5V/12V selectable header) 3 INT RS232	1 INT RS232/422/485 5 INT RS232	1 EXT RS232 1 INT RS232/422/485	1 EXT RS232/422/485
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	2 EXT	1 EXT	1 INT	1 EXT
VGA	No	No	No	No
DVI	No	No	No	No
Display Port	No	1 EXT	No	1 EXT
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS 1* eDP	No	No
Multiple Display	Triple	Triple	No	Dual
PS/2	1 INT	1 INT	1 INT	No
Expansion slot	No	No	No	No
TPM	onboard 1.2/2.0 option	onboard 1.2/2.0 option	onboard 1.2/2.0 option	TPM2.0 onboard
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	Yes	Yes	Yes	No
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	12V Lockable DC-in jack	12V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	76	77	78	79

ProductMatrix

Category	Intel 6th/7th Generation	Intel Bay Trail Solution	Intel Bay Trail Solution	Intel 4th/5th Generation
Model	JNU792V2S-3965U	JNU91-2930	JNU93-2930	JNU92 Series
Form Factor	uTX	NUC	NUC	NUC
Dimension	112 x 117mm	101 x 101mm	101 x 101mm	101 x 101mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Kabylake Celeron 3865U	Intel Bay Taril N2930	Intel Bay Taril N2930	Intel Haswell-U /Broadwell-U
Memory	2* DDR4 2133MHz SODIMM up to 32GB	1* DDR3L 1333MHz SODIMM up to 8GB	1* DDR3L 1333MHz SODIMM up to 8GB	2* DDR3L 1333/1600MHz SODIMM up to 16G
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	No	1 SATAII	1 SATAIII
m-SATA	1 Full Size (shared Mini-PCle)	1 Full size	1 Full size	1 Full size
Mini PCIe	1 Half Size 1 Full Size (Shared mSATA)	1 Half size	1 Half size	1 Half size
M.2	No	No	No	No
SIM Card holder	1 EXT	No	No	No
Audio	Realtek ALC662VD	Realtek ALC887GR	Realtek ALC887GR W/3W Amplifier	Realtek ALC662
Ethernet	Dual Intel GbE (i211AT, i219LM)	One Intel 82574L GbE	Dual Intel 82583V GbE	One Intel i218LM GbE
USB	2 Front USB 3.0, 2 Front USB 2.0 2 Rear USB 3.0, 2 Rear USB 2.0 1 INT USB 2.0	1 Front USB 3.0 2 Rear USB 2.0	1 Front USB 3.0, 1 Front USB 2.0 2 Rear USB 2.0, 2 INT USB 2.0	1 Front USB 3.0 2 Rear USB 3.0 2 INT USB 2.0
COM	No	1 EXT RS232 1 INT RS232 (w/ 5V/12V selectable header)	1 EXT RS232/422/485 (w/ 5V/12V selectable header)	1 INT RS232/422/485
RJ11	No	No	No	No
Parallel	No	No	No	No
HDMI	1 EXT	2 EXT	2 EXT	2 EXT
VGA	1 EXT (Front)	No	No	No
DVI	No	No	No	No
Display Port	No	No	No	No
LVDS / eDP	No	No	No	No
Multiple Display	Dual	Dual	Dual	Dual
PS/2	No	No	No	No
Expansion slot	No	No	No	No
TPM	TPM2.0 onboard	No	No	onboard 1.2/2.0 option
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	No	No	No
GPIO	Yes	No	No	No
Power Pequirement	12V DC-in jack	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	80	81	82	83

Product Matrix

Category	Intel Braswell Solution	Intel Apollo Lake Solution	Intel Bay Trail Solution	Intel Bay Trail Solution
Model	JNU591-3160	JNU691-3455	JNLBT-IE1900	JNLBT-IE2930-4G
Form Factor	NUC	NUC	EPIC	EPIC
Dimension	101 x 101mm	101 x 101mm	115 x 165mm	115 x 165mm
Chipset	SoC	SoC	SoC	SoC
Processor	Intel Braswell N3160	Intel Apollo Lake J3455	Intel Bay Taril J1900	Intel Bay Taril J1900
Memory	1* DDR3L 1600MHz SODIMM up to 8GB	1* DDR3L 1866MHz SODIMM up to 8GB	1* DDR3L 1333MHz SODIMM, up to 8GB	4GB DDR3L on board
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	1 SATAIII	1 SATAII	1 SATAII
m-SATA	1 Full Size (shared Mini-PCle)	1 Full size	1 Full size	1 Full size
Mini PCIe	1 Half Size 1 Full Size (Shared mSATA)	1 Half size	1 Half size	1 Half size
M.2	No	No	No	No
SIM Card holder	1 INT	1 INT	1 INT	1 INT
Audio	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662GR W/3W Amplifier	Realtek ALC662GR W/3W Amplifier
Ethernet	Dual Intel i211AT GbE	Dual Realtek RTL8111H GbE	Dual Intel i211AT GbE	Dual Intel i211AT GbE
USB	2 Front USB 3.0 2 Rear USB 3.0 2 INT USB 2.0	2 Front USB 3.0 2 Rear USB 3.0 2 INT USB 2.0	1 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0	1 EXT USB 3.0 1 EXT USB 2.0 4 INT USB 2.0
COM	1 EXT RS232/422/485	1 EXT RS232/422/485	1 EXT RS232 2 INT RS232/422/485 3 INT RS232	1 EXT RS232 2 INT RS232/422/485 3 INT RS232
RJ11	No	No	No	No
Parallel	No	No	1 INT	1 INT
HDMI	2 EXT	2 EXT	1 INT	1 INT
VGA	No	1 EXT	1 EXT	1 EXT
DVI	No	No	No	No
Display Port	1 EXT	No	No	No
LVDS / eDP	No	No	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS
Multiple Display	Triple	Triple	Dual	Dual
PS/2	No	No	1 INT	1 INT
Expansion slot	No	No	No	No
TPM	No	onboard 1.2/2.0 option	No	No
CF/CFast	No	No	No	No
CAN Bus	No	No	No	No
SMBus	No	Yes	No	No
GPIO	Yes	Yes	Yes	Yes
Power Pequirement	12V DC-in jack	12V DC-in jack	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack
AT mode	Yes	Yes	Yes	Yes
Page	84	85	86	87

ProductMatrix

Category	Intel Bay Trail Solution	Intel 6th Generation Soluiton	Intel Bay Trail Solution
Model	JNC55-E2930-4G	JNC7B-E7200	JNF711-2807
Form Factor	EPIC	5.25"	1.8"
Dimension	115 x 165mm	120 x 177mm	84 x 55mm
Chipset	SoC	SoC	SoC
Processor	Intel Bay Taril N2930	Intel Skylake i5-6200U	Intel Bay Taril N2807
Memory	4GB DDR3L on board	1* DDR4 2133MHz Dual CH SO-DIMM up to 16GB	2GB DDR3L on board
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAII	1 SATAIII	No
m-SATA	1 Full size	1 Full size	1 Full size (shared Mini-PCIe)
Mini PCIe	1 Half size	2 Full size	1 Full size (shared mSATA)
M.2	No	No	1 (M-Key 2242)
SIM Card holder	1 INT	2 INT	No
Audio	Realtek ALC662GR W/3W Amplifier	Realtek ALC662GR W/3W Amplifier	Realtek ALC662VD
Ethernet	Dual Intel i211AT GbE	Dual Intel GbE (i211AT, i219LM)	One Intel i211AT GbE
USB	1 EXT USB 3.0 5 EXT USB 2.0 2 INT USB 2.0	2 EXT USB 3.0, 2 INT USB 3.0 8 INT USB 2.0	1 INT USB 3.0 2 INT USB 2.0
COM	6 EXT RS232	10 INT RS232	1 INT RS232 1 INT RS232/422/485
RJ11	No	No	No
Parallel	No	No	No
HDMI	1 EXT	No	No
VGA	1 EXT	1 INT	1 INT
DVI	No	No	No
Display Port	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* 24 Bit Dual CH LVDS 1* eDP	1* eDP
Multiple Display	Dual	Triple	Dual
PS/2	1 INT	1 INT	No
Expansion slot	No	No	No
TPM	No	No	No
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	No	Yes	Yes
GPIO	Yes	Yes	Yes
Power Pequirement	9V ~ 24V DC-in jack	9V ~ 24V DC-in jack	5V 2-pin header
AT mode	Yes	Yes	Yes
Page	88	89	90

ProductMatrix

Category	Intel Bay Trail Solution	Intel Braswell Solution	Intel Apollo Lake Solution
Model	JNP93-2930	JNP793D2-3160	JNP691 Series
Form Factor	PICO-ITX	PICO-ITX	PICO-ITX
Dimension	100 x 72mm	100 x 72mm	100 x 72mm
Chipset	SoC	SoC	SoC
Processor	Intel Bay Taril N2930	Intel Braswell N3160	Intel Apollo Lake N3350/N4200
Memory	2GB DDR3L on board	2GB DDR3L on board	1* DDR3L 1866MHz SODIMM up to 8GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAII	No	1 SATAIII
m-SATA	1 Full size	No	No
Mini PCIe	1 Half size	1 Full size	1 Full size
M.2	No	1 (M-Key 2242)	1 (M-Key 2242)
SIM Card holder	No	No	1 INT
Audio	Realtek ALC662	No	Realtek ALC662VD
Ethernet	One Realtek RTL8111G GbE	Dual Intel i211AT GbE	One Realtek RTL8111H GbE
USB	1 EXT USB 3.0 , 1 EXT USB 2.0 6 INT USB 2.0	2 INT USB 3.0 2 INT USB 2.0	2 EXT USB 3.0 2 INT USB 2.0
COM	1 INT RS232/422/485, 1 INT RS232 (w/ 5V/12V selectable header)	1 INT RS232/422/485 1 INT RS232	1 INT RS232/422/485 1 INT RS232
RJ11	No	No	No
Parallel	No	No	No
HDMI	1 EXT	1 INT	1 EXT
VGA	1 EXT(select w/HDMI)	No	No
DVI	No	No	No
Display Port	No	No	No
LVDS / eDP	1* 24 Bit Dual CH LVDS	1* eDP	1* 24 Bit Dual CH LVDS
Multiple Display	Dual	Dual	Dual
PS/2	No	No	No
Expansion slot	No	No	No
TPM	No	No	No
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	No	Yes	Yes
GPIO	No	Yes	Yes
Power Pequirement	12V DC-in jack	12V 2-pin header	12V DC-in jack
AT mode	Yes	Yes	Yes
Page	91	92	93

ProductMatrix

Category	Intel Gemini Lake Solution	Intel 4th Generation	Intel 4th Generation
Model	JNP891-4105	JNMF94RM-Q87	JNMF95-Q87
Form Factor	PICO-ITX	Micro ATX	Micro ATX
Dimension	100 x 72mm	244 x 244mm	244 x 244mm
Chipset	SoC	Intel Q87	Intel Q87
Processor	Intel Gemini Lake J4105	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	1* DDR4 2400MHz SODIMM up to 8GB	4* DDR3 1600MHz up to 32GB	4* DDR3 1600MHz up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	1 SATAIII	6 SATAIII Support RAID 0,1, 5,10	5 SATAIII Support RAID 0,1, 5,10
m-SATA	No	1 Full size (shared SATA6)	1 Full size (shared Mini-PCIe)
Mini PCIe	1 Full size	1 Full Size	1 Full size (shared mSATA)
M.2	1 (M-Key 2242)	No	No
SIM Card holder	1 INT	No	No
Audio	Realtek ALC662VD	No	Realtek ALC662
Ethernet	One Realtek RTL8111H GbE	Dual Intel GbE (i217LM, i211AT)	Dual Intel GbE (i217LM, 82574L)
USB	2 EXT USB 3.0 2 INT USB 2.0	2 EXT USB 3.0, 4 EXT USB 2.0 2 INT USB 3.0, 4 INT USB 2.0	2 EXT USB 3.0, 4 EXT USB 2.0 2 INT USB 3.0, 4 INT USB 2.0
COM	1 INT RS232	1 EXT RS232/422/485 1 INT RS232	1 EXT RS232/422/485 2 INT RS232/422/485 7 INT RS232
RJ11	No	No	No
Parallel	No	No	No
HDMI	2 EXT	1 EXT	1 EXT
VGA	No	1 EXT (Share 1 INT)	1 EXT
DVI	No	No	1 EXT DVI-D
Display Port	No	No	1 EXT
LVDS / eDP	1* eDP	No	No
Multiple Display	Triple	Dual	Triple
PS/2	No	1 EXT	1 INT
Expansion slot	No	1* PCI Express x 1 1* PCI Express x 4 1* PCI Express x 16	2* PCI 1* PCI Express x 4 1* PCI Express x 16
TPM	No	TPM1.2/2.0 Header	TPM1.2/2.0 Header
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	Yes	Yes	Yes
GPIO	Yes	Yes	Yes
Power Pequirement	12V DC-in jack	24pin ATX + 8pin 12V	24pin ATX + 8pin 12V
AT mode	Yes	Yes	No
Page	94	95	96

ProductMatrix

Category	Intel 4th Generation	Intel 6th Generation	Intel 8th Generation
Model	JNMF95-H81	JNMF691-H110	JNMF891-H310
Form Factor	Micro ATX	Micro ATX	Micro ATX
Dimension	244 x 244mm	244 x 244mm	244 x 244mm
Chipset	Intel H81	Intel H110	Intel H310
Processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	2* DDR3 1600MHz up to 16GB	2* DDR4 2133MHz up to 32GB	2* DDR4 2666MHz up to 32GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	2 SATAIII 1 SATAII	3 SATAIII	3 SATAIII
m-SATA	1 Full size	No	No
Mini PCIe	No	1 Full Size	1 Full Size
M.2	No	1 (M Key 2242/2260 /2280/22110)	1 (M Key 2242/2260 /2280/22110)
SIM Card holder	No	1 INT	1 INT
Audio	Realtek ALC662	Realtek ALC662	Realtek ALC662VD
Ethernet	Dual Intel GbE (i217LM, 82574L)	Dual Realtek RTL8111G GbE	Dual Realtek RTL8111H GbE
USB	2 EXT USB 3.0 4 EXT USB 2.0 2 INT USB 2.0	4 EXT USB 3.0, 2 EXT USB 2.0 3 INT USB 2.0	4 EXT USB 3.1(Gen. 1) 2 EXT USB 2.0, 2 INT USB 2.0
COM	1 EXT RS232/422/485 1 INT RS232/422/485 8 INT RS232	1 EXT RS232, 1 EXT RS232/422/485 8 INT RS232	1 EXT RS232/422/485 1 INT RS232/422/485, 8 INT RS232
RJ11	No	No	No
Parallel	No	No	No
HDMI	1 EXT	1 EXT	1 EXT
VGA	1 EXT	1 EXT	1 EXT
DVI	1 EXT DVI-D	1 EXT DVI-D	1 EXT DVI-D
Display Port	1 EXT	No	1 EXT
LVDS / eDP	No	No	No
Multiple Display	Dual	Dual	Dual
PS/2	1 INT	1 INT	1 INT
Expansion slot	2* PCI 1* PCI Express x 4 1* PCI Express x 16	2* PCI 1* PCI Express x 1 1* PCI Express x 16	2* PCI 1* PCI Express x 1 1* PCI Express x 16
TPM	TPM1.2/2.0 Header	TPM1.2/2.0 Header	TPM1.2/2.0 Header
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	Yes	Yes	Yes
GPIO	Yes	Yes	Yes
Power Pequirement	24pin ATX + 8pin 12V	24pin ATX + 8pin 12V	24pin ATX + 8pin 12V
AT mode	No	Yes	Yes
Page	97	98	99

ProductMatrix

Category	Intel 4th Generation	Intel 4th Generation	Intel 6th Generation
Model	JNAF95-Q87	JNC71-AH81	JNAF591-Q170
Form Factor	ATX	ATX	ATX
Dimension	305 x 244mm	305 x 244mm	305 x 244mm
Chipset	Intel Q87	Intel H81	Intel Q170
Processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1150 socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	4* DDR3 1600MHz up to 32GB	2* DDR3 1600MHz up to 16GB	4* DDR4 2133MHz up to 64GB
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	6 SATAIII Support RAID 0,1, 5,10	2 SATAIII 2 SATAII	4 SATAIII Support RAID 0,1, 5,10 1 SATA Express
m-SATA	1 Full size (Shared SATA6)	1 Full size (Shared SATA4)	No
Mini PCIe	1 Full Size	1 Full Size	1 Full Size
M.2	No	No	1 (M-Key 2242/2260/2280/22110)
SIM Card holder	No	1 INT	No
Audio	Realtek ALC662	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Dual Intel GbE (i217LM, 82574L)	Dual Realtek RTL8111G GbE	Dual Intel GbE (i219LM, i211AT)
USB	2 EXT USB 3.0, 4 EXT USB 2.0 2 INT USB 3.0, 4 INT USB 2.0	4 EXT USB 3.0, 2 EXT USB 2.0 5 INT USB 2.0	6 EXT USB 3.0 4 INT USB 2.0
COM	1 EXT RS232/422/485 1 INT RS232/422/485, 8 INT RS232	2 EXT RS232/422/485 4 INT RS232	1 EXT RS232/422/485 1 INT RS232/422/485, 8 INT RS232 (w/ 5V/12V selectable header)
RJ11	No	No	No
Parallel	No	1 INT	No
HDMI	1 EXT	2 EXT	1 EXT
VGA	1 EXT	1 EXT	No
DVI	1 EXT DVI-D	No	1 EXT DVI-D
Display Port	1 EXT	No	1 EXT
LVDS / eDP	No	No	No
Multiple Display	Triple	Dual	Triple
PS/2	1 INT	1 EXT	1 INT
Expansion slot	4* PCI, 1* PCI Express x 1 1* PCI Express x 4 1* PCI Express x 16	5* PCI 1* PCI Express x 1 1* PCI Express x 16	3* PCI Express x 1, 1* PCI Express x 4 1* PCI Express x 16, 1* PCI Express x 8 (share with PCIe x16 slot)
TPM	TPM1.2/2.0 Header	TPM1.2/2.0 Header	TPM1.2/2.0 Header
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	Yes	Yes	Yes
GPIO	Yes	Yes	Yes
Power Pequirement	24pin ATX + 8pin 12V	24pin ATX + 4pin 12V	24pin ATX + 8pin 12V
AT mode	Yes	Yes	Yes
Page	100	101	102

ProductMatrix

Category	Intel 6th Generation	Intel 6th Generation	Intel 8th Generation
Model	JNC7L-AH110	JNC7L-AH110-6C	JNAF791-Q370/C246
Form Factor	ATX	ATX	ATX
Dimension	305 x 244mm	305 x 244mm	305 x 244mm
Chipset	Intel H110	Intel H110	Intel Q370 /C246
Processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® processor	LGA1151 socket 8th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
Memory	2* DDR4 2133MHz up to 32GB	2* DDR4 2133MHz up to 32GB	4* DDR4 2400MHz up to 64GB (with ECC for C246)
Integrated Graphics	Intel GFX	Intel GFX	Intel GFX
SATA	3 SATAIII	3 SATAIII	5 SATAIII Support RAID 0,1, 5,10
m-SATA	No	No	No
Mini PCIe	1 Full Size	1 Full Size	No
M.2	1 (M-Key 2242/2280)	1 (M-Key 2242/2280)	1 (M-Key 2242/2260/2280/22110) 1 (E-key 2230)
SIM Card holder	1 INT	1 INT	No
Audio	Realtek ALC662VD	Realtek ALC662VD	Realtek ALC662VD
Ethernet	Dual Intel GbE (i219LM, i211AT)	Dual Intel GbE (i219LM, i211AT)	Dual Intel GbE (i219LM, i211AT)
USB	6 EXT USB 3.0, 2 INT USB 3.0 5 INT USB 2.0	6 EXT USB 3.0, 2 INT USB 3.0 5 INT USB 2.0	4 EXT USB 3.1 (Gen. 2), 2 EXT USB 2.0 2 INT USB3.1 (Gen. 2), 4 INT USB 2.0
COM	2 EXT RS232/422/485 8 INT RS232	2 EXT RS232/422/485 4 INT RS232	1 EXT RS232/422/485 1 INT RS232/422/485, 8 INT RS232
RJ11	No	No	No
Parallel	1 INT	1 INT	No
HDMI	1 EXT	1 EXT	1 EXT
VGA	1 EXT	1 EXT	1 EXT
DVI	No	No	1 EXT DVI-D
Display Port	No	No	1 EXT
LVDS / eDP	No	No	No
Multiple Display	Dual	Dual	Triple
PS/2	1 EXT	1 EXT	1 INT
Expansion slot	5* PCI 1* PCI Express x 4 1* PCI Express x 16	5* PCI 1* PCI Express x 4 1* PCI Express x 16	2* PCI, 1* PCI Express x 1 1* PCI Express x 4 2* PCI Express x 16
TPM	TPM1.2/2.0 Header	TPM1.2/2.0 Header	onboard 1.2/2.0 option
CF/CFast	No	No	No
CAN Bus	No	No	No
SMBus	Yes	Yes	Yes
GPIO	Yes	Yes	Yes
Power Pequirement	24pin ATX + 8pin 12V	24pin ATX + 8pin 12V	24pin ATX + 8pin 12V
AT mode	Yes	Yes	Yes
Page	103	104	105

JNF699-C3758

Features

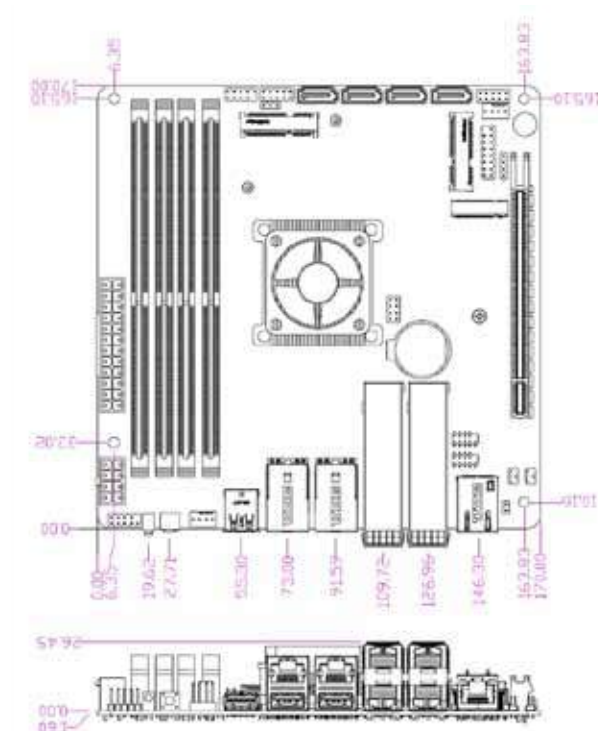


- Support Intel Eight Core C3758 processor
- 4* 288-pin UDIMM/RDIMM up to 64/128GB with ECC DDR4 2400MHz SDRAM
- Supports 2* Intel GbE RJ45 & 4* 10G SFP+ modules
- Supports 1* PCIe x8 and 1* Mini PCIe, 1* M.2 M-key
- Supports 3* USB 3.0, 2* USB 2.0, 2* COMs
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Denverton C3758	Rear I/O Port	2* GbE
Memory	4* 288-pin UDIMM/RDIMM up to 64/128GB with ECC		4* 10G SFP+
	DDR4 2400MHz SDRAM		3* USB 3.0
Ethernet	Dual Intel i211AT GbE, 4* 10GbE SFP+		1* Reset button
		Internal I/O Port	2* USB 2.0, 1* VGA
Graphic	1* VGA supports up to 1920×1200@60Hz		2* COM
			4* SATAIII
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX + 8pin 12V
Storage	4* SATAIII, 1* M.2 (M-key, 2242/2260/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x 8, 1* Mini-PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF692G6-335B1/420B1/345B1

Features

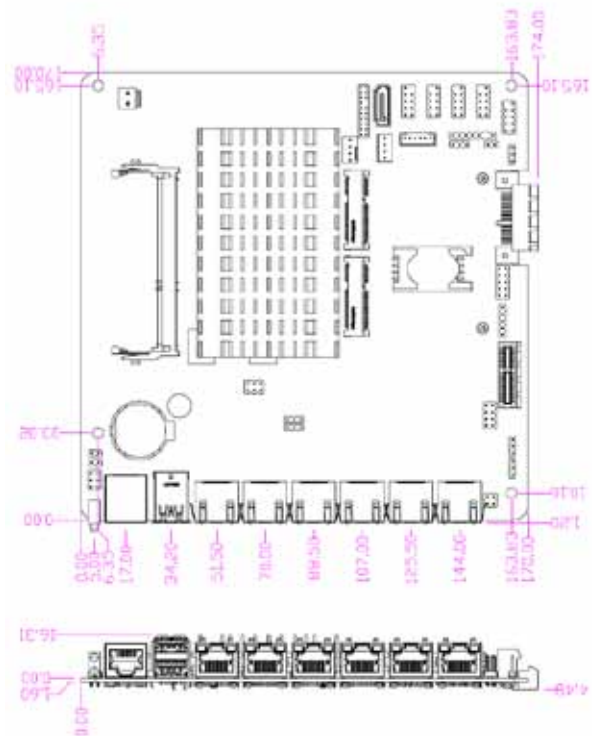


- Support Intel Quad & Dual Core N4200/N3350/J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support 6* Intel GbE RJ45 (LAN3/LAN4 support LAN ByPass)
- Support 1* PCIe x1 & 1* Mini PCIe
- Support 2* USB 3.0, 2* USB 2.0, 4* COM (1* support RJ45)
- Slim Mini ITX Formfactor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake N4200/N3350/J3455	Rear I/O Port	6* GbE RJ45 (LAN3/LAN4 support LAN ByPass)
Memory	1* DDR3L 1600/1866MHz SODIMM up to 8GB		2* USB 3.0, 1* COM (RJ45 Type)
Ethernet	6* Intel i211AT GbE, 2 ports support LAN ByPass		1* PWR LED, 1* HDD LED
Graphic	1* HDMI1.4b up to 3840x2160@30Hz	Internal I/O Port	1* HDMI, 2* USB 2.0 3* COM (COM2 support RS232/422/485) 1* SATAIII, 1* PS/2, 1* GPIO 1* SIM holder, 12V 2PIN header
		Watchdog Timer	0~255 Sec./Min. Programmable
		Power	12V DC-in 2PIN
Storage	1* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF692G6-335/420/345

Features

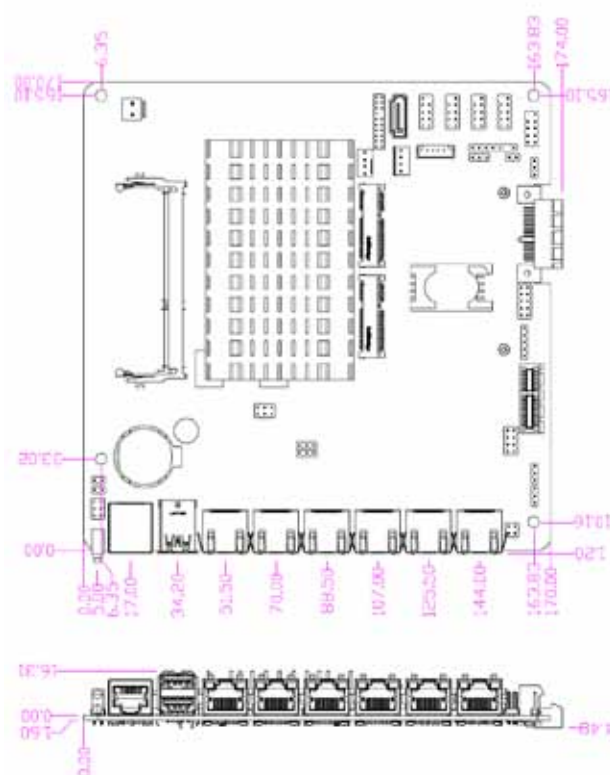


- Support Intel Quad & Dual Core N4200/N3350/J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support 6* Intel GbE RJ45
- Support 1* PCIe x1 & 1* Mini PCIe
- Support 2* USB 3.0, 2* USB 2.0, 4* COM (one support RJ45)
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake N4200/N3350/J3455	Rear I/O Port	6* GbE RJ45
Memory	1* DDR3L 1600/1866MHz SODIMM up to 8GB		2* USB 3.0
			1* COM (RJ45 Type)
Ethernet	6* Intel i211AT GbE		1* PWR LED, 1* HDD LED
		Internal I/O Port	1* HDMI, 2* USB 2.0
Graphic	1* HDMI 1.4b Up to 3840x2160@30Hz		3* COM (COM2 support RS232/422/485)
			1* SATAIII, 1* PS/2, 1* GPIO
			1* SIM holder, 12V 2PIN header
		Watchdog Timer	0~255 Sec./Min. Programmable
		Power	12V DC-in 2PIN
Storage	1* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF694-3350/4200

Features

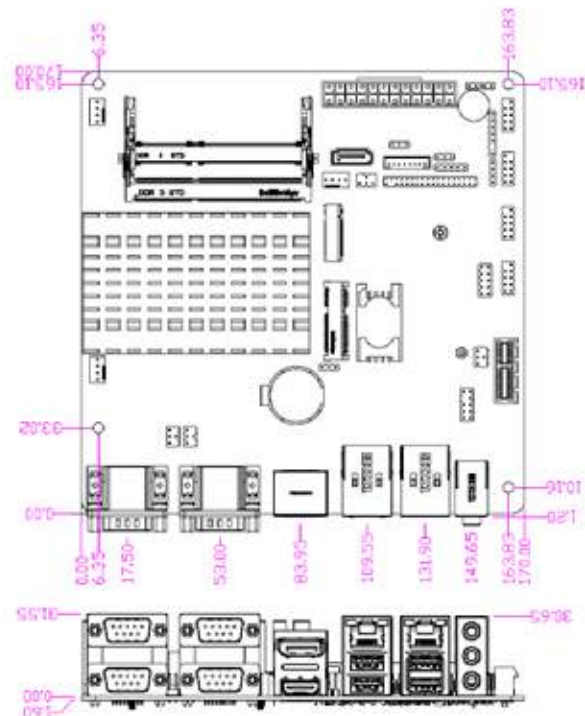


- Support Intel Quad Core & Dual Core N4200/N3350 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1866 MHz SDRAM
- Supports DP1.2/HDMI1.4b/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 4* USB 3.0, 3* USB 2.0, 6* COM
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake N4200/N3350	Rear I/O Port	1* HDMI, 1* DP
Memory	2* DDR3L 1866MHz SODIMM up to 8GB		2* GbE, 4*USB 3.0
			4* COM (COM1 support RS232/422/485)
Ethernet	Dual Realtek RTL8111H GbE		Line-in, Line-out, MIC
		Internal I/O Port	3* USB 2.0, 1* LVDS, 2* COM
Graphic	1* HDMI1.4b supports up to 3840x2160@30Hz		1* SATAIII, 1* PS/2, 1* GPIO
	1* DP1.2 supports up to 4096x2160@60Hz		1* SIM card holder
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX
Storage	1* SATAIII, 1* M.2 M-key (2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF694L-3350/4200

Features

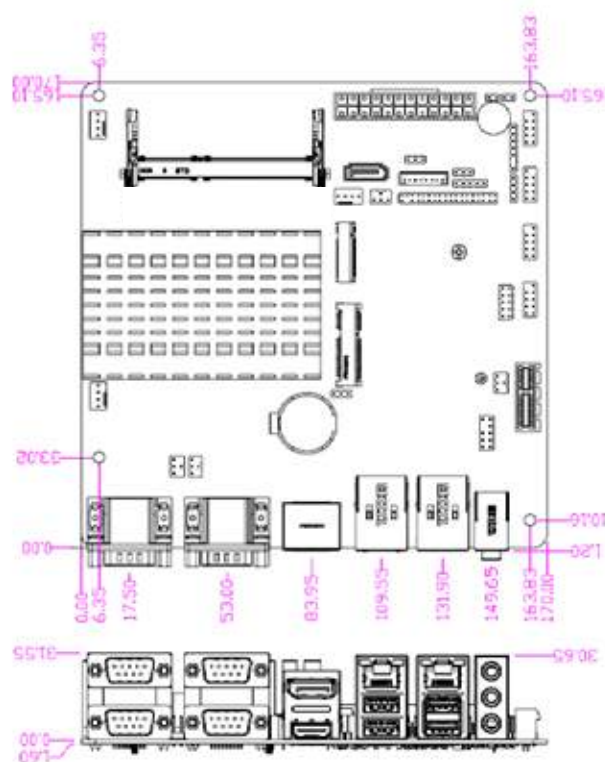


- Support Intel Quad & Dual Core N4200/N3350 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support DP1.2/HDMI1.4b/LVDS
- Support 1* PCIe x1 & 1* Mini PCIe
- Support 4* USB 3.0, 3* USB 2.0, 4* COM
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake N4200/N3350	Rear I/O Port	1* HDMI, 1* DP
Memory	1* DDR3L 1600/1866MHz SODIMM up to 8GB		1* GbE, 4* USB 3.0
			4* COM
Ethernet	1* Realtek RTL8111H GbE		Line-in, Line-out, MIC
		Internal I/O Port	3* USB 2.0, 1* LVDS
Graphic	1* HDMI1.4b up to 3840x2160@30Hz		1* SATAIII, 1* PS/2, 1* GPIO
	1* DP1.2 up to 4096x2160@60Hz		1* onboard TPM(option)
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz		
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX
Storage	1* SATAIII, 1* M.2 M-key (2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF695HV-3455

Features

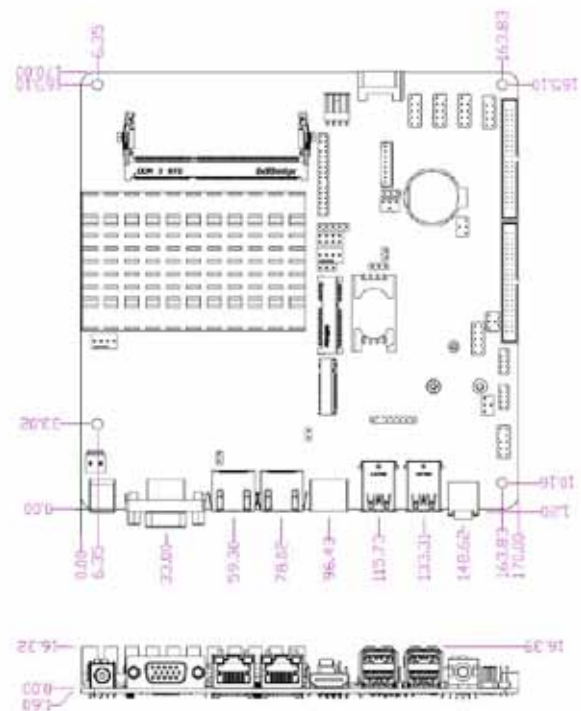


- Support Intel Quad Core J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support HDMI1.4b/VGA/LVDS/eDP
- Support 1* Mini PCIe/1* M.2 M-key
- Support 4* USB 3.0, 6* USB 2.0, 10* COM
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake J3455	Rear I/O Port	1* HDMI, 1* VGA
Memory	1* DDR3L 1600/1866MHz SODIMM up to 8GB		2* GbE, 4* USB 3.0
			Line-out
Ethernet	2* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	6* USB 2.0, 1* LVDS, 1* eDP
Graphic	1* HDMI1.4b up to 3840x2160@30Hz		10* COM (COM1 Support RS232/422/485)
	1* VGA up to 1920x1200@60Hz		1* SATAIII, 1* PS/2, 1* GPIO, 1* SIM holder
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz		1* onboard TPM(option)
	1* eDP up to 4096x2160@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* M.2 M-key (2242/2260)	Power	12V DC IN
	1*eMMC 32GB(option)	Temperature	Operating 0~60°C with 0.7 m/s air flow
Expansion Slot	1* Mini PCIe (full size)		Storage -20~85°C
		Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF695L-3455

Features

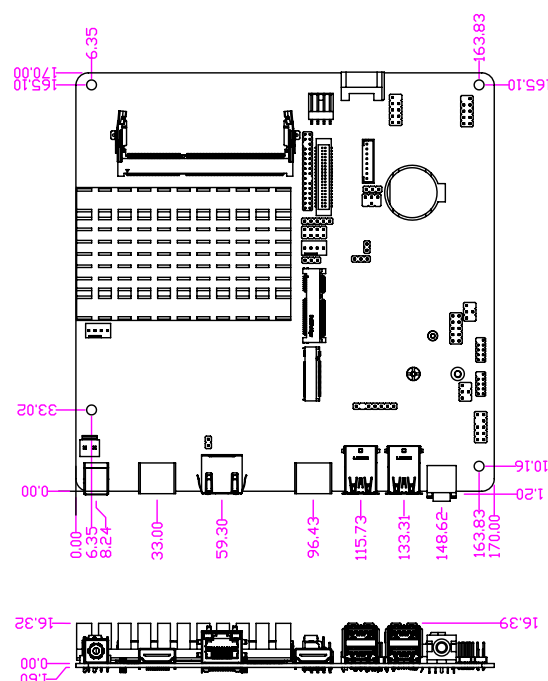


- Support Intel Quad Core J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support HDMI1.4b/LVDS/eDP
- Support 1* Mini PCIe/1* M.2 M-key
- Support 4* USB 3.0, 2* USB 2.0, 2* COM
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake J3455	Rear I/O Port	2* HDMI, 1* GbE
Memory	1* DDR3L 1600/1866MHz SODIMM up to 8GB		4* USB 3.0
			Line-out
Ethernet	1* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	2* USB 2.0, 1* LVDS
Graphic	2* HDMI1.4b up to 3840x2160@30Hz		1* eDP, 2* COM, 1* SATAIII
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz		1* PS/2, 1* GPIO
	1* eDP up to 4096x2160@60Hz		1* onboard TPM(option)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC IN
Storage	1* SATAIII, 1* M.2 M-key (2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow
	1* eMMC 32GB(option)		Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF894-3455

Features

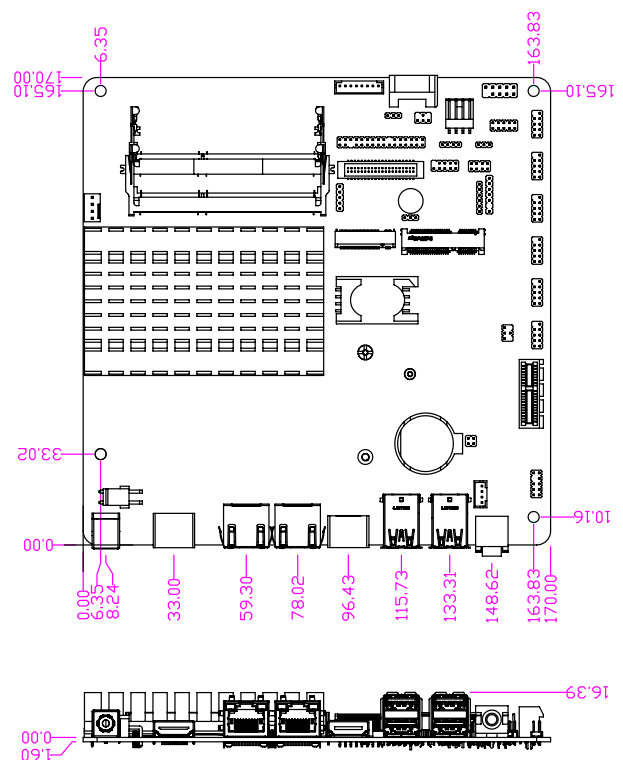


- Support Intel Quad Core J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support HDMI1.4b/LVDS/eDP
- Support 1* Mini PCIe, 1* M.2 M-key
- Support 4* USB 3.0, 3* USB 2.0, 6* COM
- Support 9-36V DC-IN
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake J3455	Rear I/O Port	2* HDMI(one option with DP), 2* GbE, 4* USB 3.0 Line-out
Memory	1* DDR3L 1866MHz SODIMM up to 8GB		1* DC-in
Ethernet	2* Intel I211-AT GbE	Internal I/O Port	3* USB 2.0, 1* LVDS 1* eDP, 6* COM, 1* SATAIII 1* PS/2, 1* GPIO 1* onboard TPM(option)
Graphic	2* HDMI1.4b up to 3840x2160@30Hz 1* 24 bits Dual CH LVDS up to 1920x1200@60Hz 1* eDP up to 4096x2160@60Hz 1* DP up to 4096x2160@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* M.2 M-key (2242/2280) 1* eMMC 32GB(option)	Power	9-36 V DC IN
Expansion Slot	1* Mini PCIe (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC8J-I3455

Features

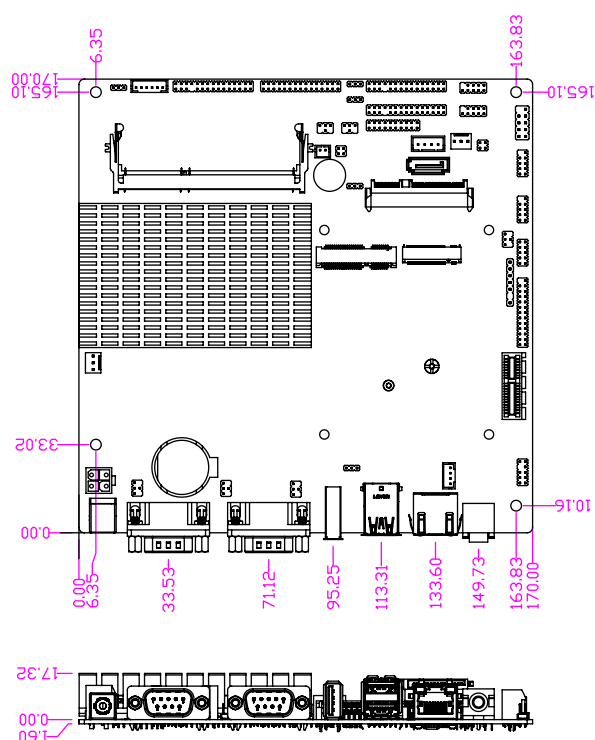


- Support Intel Quad Core J3455 Processor
- 1* 204-PIN SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support HDMI1.4b/LVDS/eDP or HDMI/2eDP
- Support 1* Mini PCIe, 1* M.2 M-key
- Support 2* USB 3.0, 5* USB 2.0, 4* COM
- Support 12V DC-IN
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake J3455	Rear I/O Port	2* USB 3.0, 1* USB 2.0
Memory	1* DDR3L 1866MHz SODIMM up to 8GB		1* Line-out
			2* COM
Ethernet	Dual Realtek RTL8111G GbE		12V DCIN
		Internal I/O Port	4* USB 2.0, 1* PS/2, 1* MIPI CSI
Graphic	1* HDMI1.4b up to 3840x2160@30Hz		1* LVDS(option w/ eDP), 1* HDMI, 2* COM
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz (option w/ eDP)		1* SATA, 1* Mini-PCIe, M.2 M-key
	1* eDP up to 4096x2160@60Hz	Watchdog Timer	GPIO 8 bits, 1* SIM card holder
		Power	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* M.2 M-key (2242)		12V DC-in
		Temperature	Operating 10~60°C with 0.7 m/s air flow
Expansion Slot	1* Mini-PCIe (full size)		Storage -20~85°C
		Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF591-3160

Features

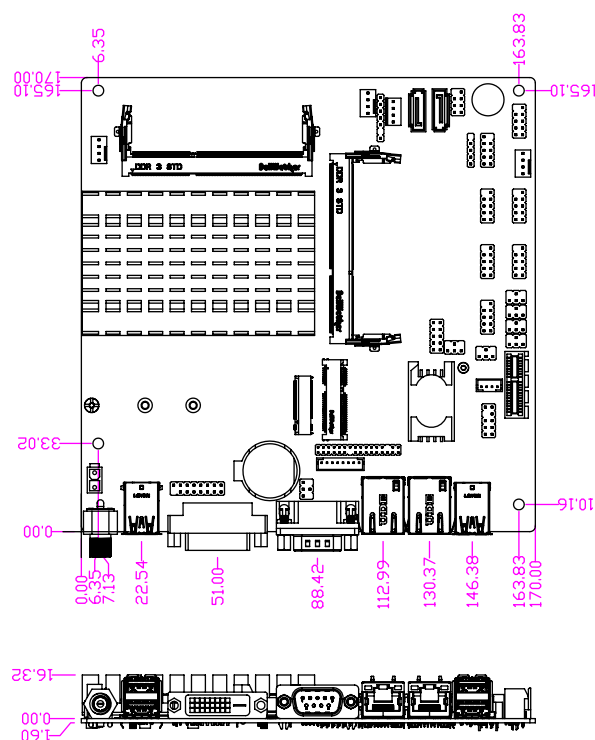


- Support Intel Quad Core N3160 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1600 MHz SDRAM
- Supports VGA/DVI-D/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 4* USB 3.0, 3* USB 2.0, 6* COMs
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	1* DVI-D, 2* GbE
Memory	2* DDR3L 1600MHz SODIMM up to 8GB		4* USB 3.0
			1* COM (RS232/422/485)
Ethernet	Dual Realtek RTL8111G GbE		1* Lockable DC-in
		Internal I/O Port	1* VGA, 3* USB 2.0
Graphic	1* VGA supports up to 1920×1200@60Hz		1* LVDS, 5* COM
	1* DVI-D supports up to 3840x2160@30Hz		2* SATAIII, 1* PS/2
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* GPIO, 1* SIM card holder
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	2* SATAIII, 1* M.2 M-key (2242/2260/2280)	Power	12V DC-in
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF596-3160

Features

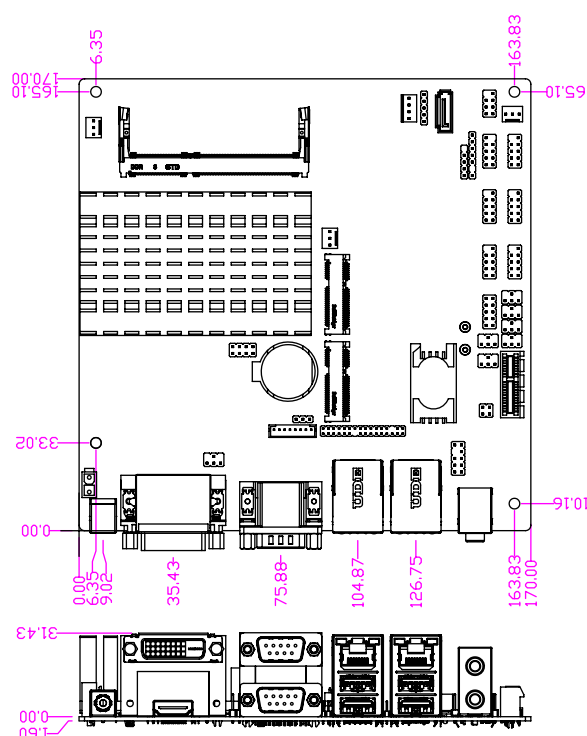


- Support Intel Quad Core N3160 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1600 MHz SDRAM
- Supports HDMI/DVI-D/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 4* USB 3.0, 3* USB 2.0, 6* COMs
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	1* DVI-D, 1* HDMI
Memory	1* DDR3L 1600MHz SODIMM up to 8GB		2* GbE, 4* USB 3.0
			2* COM (COM1 support RS232/422/485)
Ethernet	Dual Realtek RTL8111G GbE		Line-out, MIC, 1* DC-in
		Internal I/O Port	3* USB 2.0, 1* LVDS
Graphic	1* HDMI1.4b supports up to 3840x2160@30Hz		4* COM, 1* SATAIII
	1* DVI-D supports up to 3840x2160@30Hz		1* PS/2, 1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SIM card holder
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* mSATA (full size)	Power	12V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF792-3160

Features

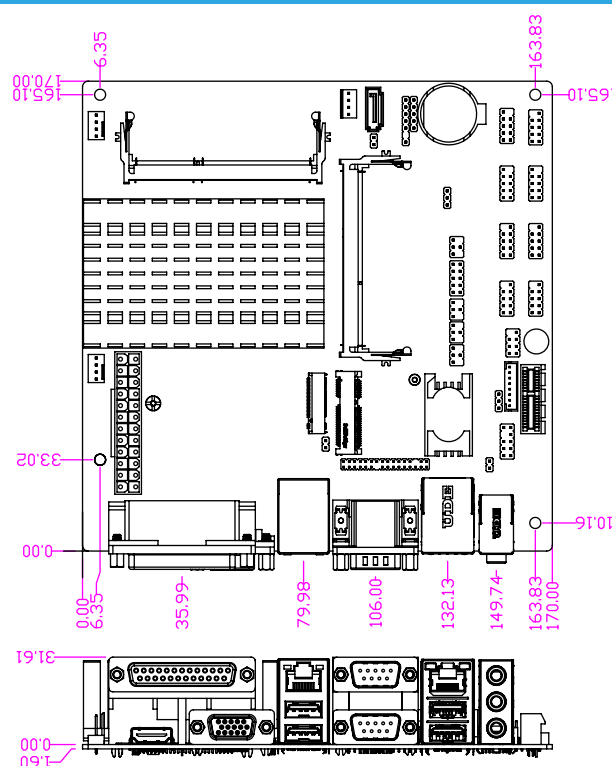


- Support Intel Quad Core N3160 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1600 MHz SDRAM
- Supports HDMI/VGA/LVDS
- Supports 1*PCIe x1 and 1* Mini PCIe and SIM card holder
- Supports 3* USB 3.0, 7* USB 2.0, 6* COMs
- Mini ITX form factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	1* VGA, 1* HDMI, 2* GbE
Memory	2* DDR3L 1600MHz SODIMM up to 8GB		3* USB 3.0, 1* USB 2.0
			2* COM(COM1 support RS232/422/485)
Ethernet	Dual Realtek RTL8111H GbE		1* Parallel, Line-out, MIC
		Internal I/O Port	6* USB 2.0, 1* LVDS
Graphic	1* HDMI1.4b supports up to 3840x2160@30Hz		4* COM, 1* SATAIII
	1* VGA supports up to 1920x1200@60Hz		1* PS/2, 1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SIM card holder, 1* onboard TPM(option)
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* M.2 (M-key, 2242/2260)	Power	24pin ATX
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size), 1* SIM card holder	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF792I-3160

Features

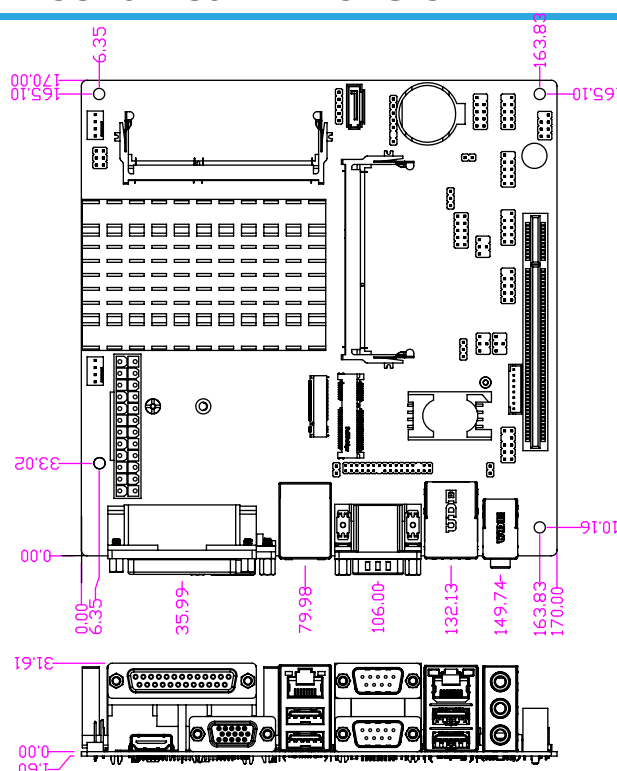


- Support Intel Quad Core N3160 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1600 MHz SDRAM
- Supports HDMI/VGA/LVDS
- Supports 1* PCI and 1* Mini PCIe and SIM card holder
- Supports 3* USB 3.0, 5* USB 2.0, 4* COMs
- Mini ITX form factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	1* VGA, 1* HDMI, 2*GbE
Memory	2* DDR3L 1600MHz SODIMM up to 8GB		3* USB 3.0, 1* USB 2.0
			2* COM(COM1 support RS232/422/485)
Ethernet	Dual Intel i211AT GbE		1* Parallel, Line-out, MIC
		Internal I/O Port	4* USB 2.0, 1* LVDS
Graphic	1* HDMI1.4b supports up to 3840x2160@30Hz		2* COM, 1* SATAIII
	1* VGA supports up to 1920x1200@60Hz		1* PS/2, 1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SIM card holder, 1* onboard TPM(option)
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* M.2 (M-key, 2242/2260)	Power	24pin ATX
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCI, 1* Mini PCIe (full size), 1* SIM card holder	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9HG-2930



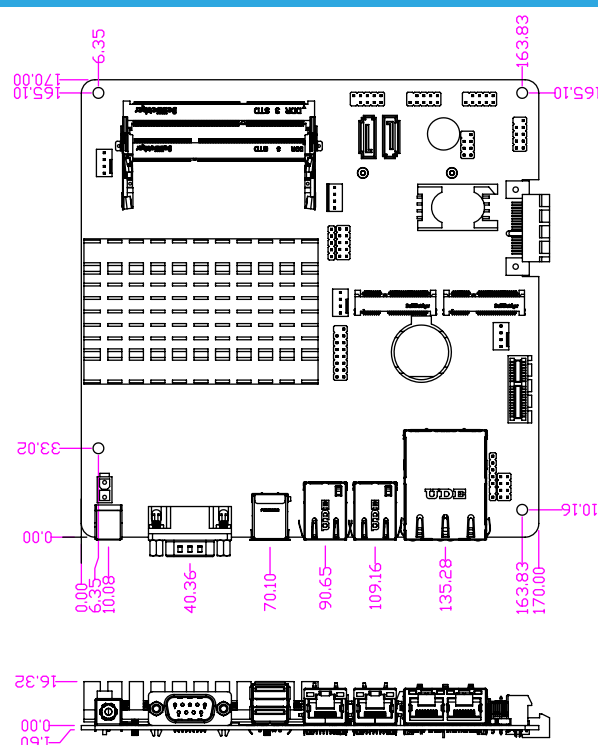
Features

- Support Intel Quad Core N2930 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 4* Intel GbE
- Supports 2* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 5* USB 2.0, 2* COMs
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	4* GbE, 1* USB 3.0
Memory	2* DDR3L 1333MHz SODIMM up to 8GB		1* USB 2.0
			1* COM
Ethernet	Four Intel i211AT GbE		1* DC-in
		Internal I/O Port	1* VGA, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		1* COM, 2* SATAII
			1* PS/2, 1* GPIO
			1* SIM card holder, 1* onboard TPM(option)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	2* SATAII, 1* mSATA (full size, shared)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9M-2930

Features

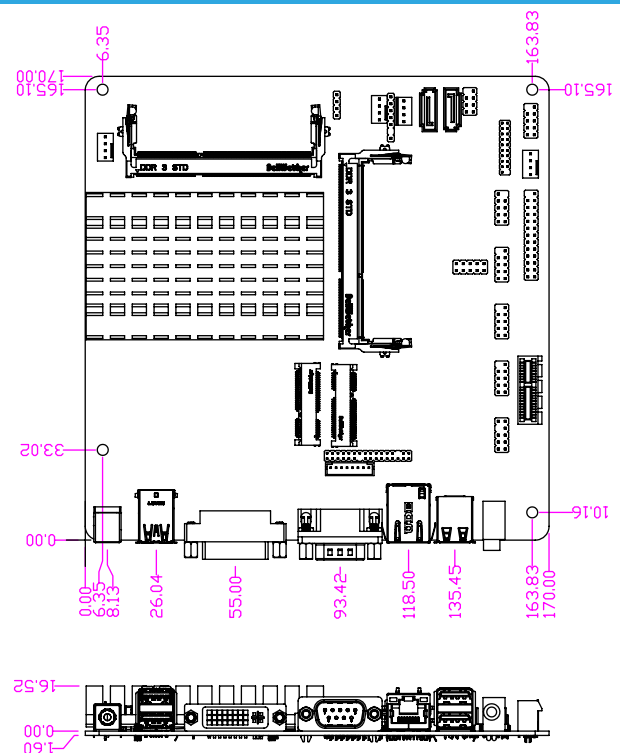


- Support Intel Quad Core N2930 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports DVI-I/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 3* USB 3.0, 5* USB 2.0, 4* COMs
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* DVI-I, 1* GbE,
Memory	2* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0,
			1* COM (RS232/422/485),
Ethernet	One Realtek RTL8111G GbE		1* Line-out, 1* DC-in
		Internal I/O Port	2* USB 3.0, 2* USB 2.0,
Graphic	1* DVI-I supports up to 1920x1080@60Hz		1* LVDS, 3* COM,
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		2* SATAII, 1* PS/2,
			1* GPIO, 1* Parallel
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~36V DC-in
Storage	2* SATAII, 1* mSATA (full size, shared SATA2)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9N-2930

Features

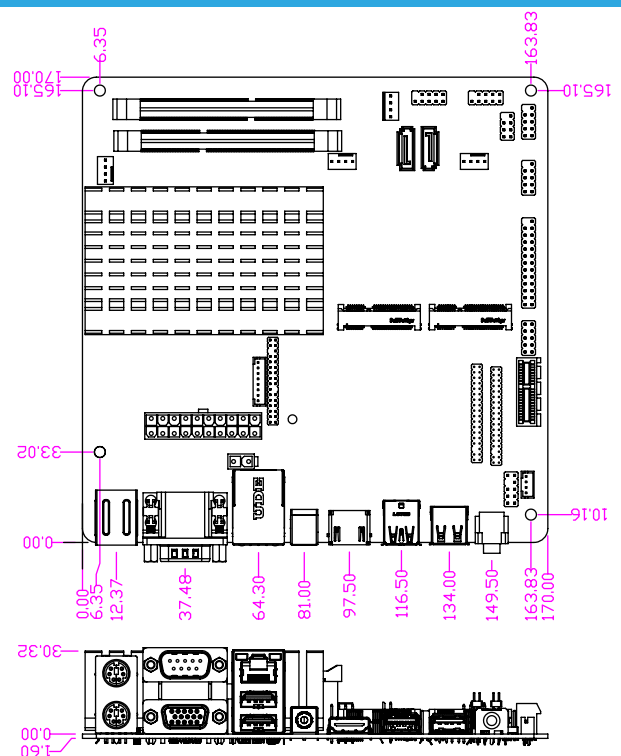


- Support Intel Quad Core N2930 processor
- 2* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports VGA/HDMI/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 7* USB 2.0, 2* COMs
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* VGA, 1* HDMI
Memory	2* DDR3L 1333MHz SODIMM up to 8GB		1* GbE, 1* USB 3.0, 3* USB 2.0
			1* COM, 1* Line-out
Ethernet	One Intel i211AT GbE		1* PS/2, 1* DC-in
		Internal I/O Port	4* USB 2.0, 1* LVDS
Graphic	1* VGA supports up to 1920x1200@60Hz		1* COM, 2* SATAII,
	1* HDMI supports up to 1920x1200@60Hz		1* GPIO,
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* Parallel
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	2* SATAII, 1* mSATA (full size, shared SATA2)	Power	12V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9T-2930

Features

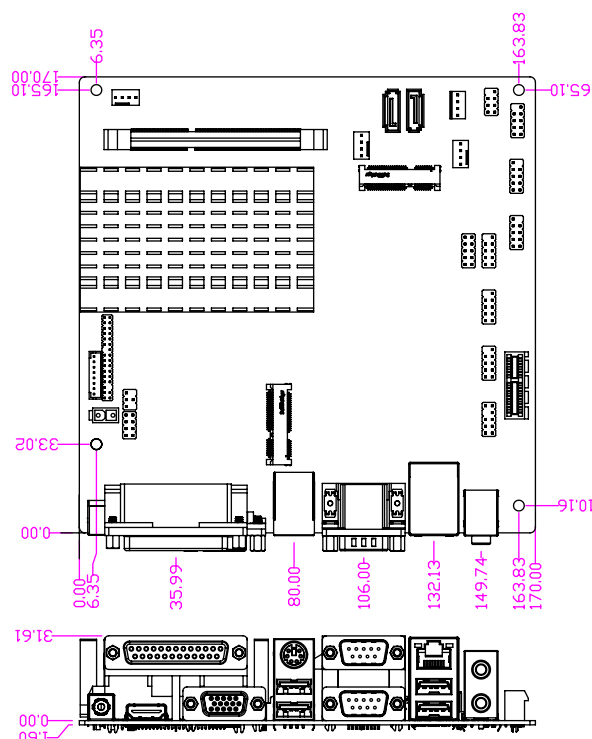


- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports VGA/HDMI/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 8* USB 2.0, 5* COMs
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

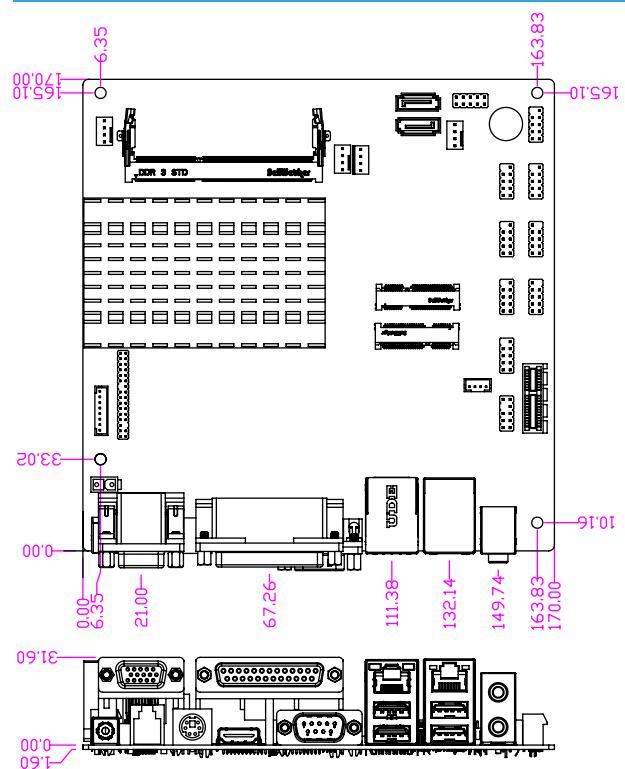
Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* VGA, 1* HDMI, 1* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			2* COM (COM1 supports RS232/422/485)
Ethernet	One Intel 82583V GbE		Line-out, MIC, 1* PS/2, 1* Parallel, 1* DC-in
		Internal I/O Port	5* USB 2.0, 1* LVDS
Graphic	1* VGA supports up to 1920x1200@60Hz		3* COM
	1* HDMI supports up to 1920x1200@60Hz		2* SATAII
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	2* SATAII, 1* mSATA (full size, shared SATA2)	Power	12V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

CE FCC EUP RoHS

- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports VGA/HDMI/LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 7* USB 2.0, 6* COMs
- Mini ITX Form Factor

Mechanical Dimension



Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* VGA, 1* HDMI, 1* GbE, 1* USB 3.0
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		3* USB 2.0, 1* COM (RS232/422/485)
			Line-out, MIC, 1* PS/2, 1* Parallel
Ethernet	Dual Realtek RTL8111G GbE		1* RJ11, 1* DC-in
		Internal I/O Port	4* USB 2.0, 1* LVDS
Graphic	1* VGA supports up to 1920x1200@60Hz		5* COM
	1* HDMI supports up to 1920x1200@60Hz		2* SATAII
	1* 24 bits Dual CH LVDS supports up to		1* GPIO
	1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	2* SATAII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

P.42

JNLBT-I1900

Features

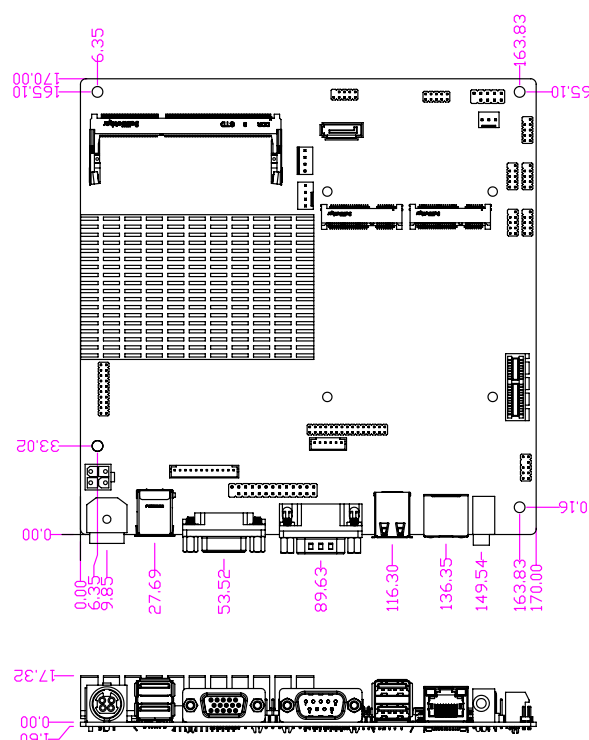


- Support Intel Quad Core J1900 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 1* VGA, 1* HDMI, 1*LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 5* USB 2.0, 6* COMs, 1* GbE
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail J1900	Rear I/O Port	1* VGA, 1* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			1* COM, Line-out
Ethernet	One Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	1* VGA, 1* HDMI, 2* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		1* LVDS, 5* COM, 1* SATAII
	1* HDMI supports up to 1920x1200@60Hz		1* GPIO, 1* PS/2
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* Parallel
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAII, 1* mSATA (full size, shared)	Power	12V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNLBT-I1900-2L

Features

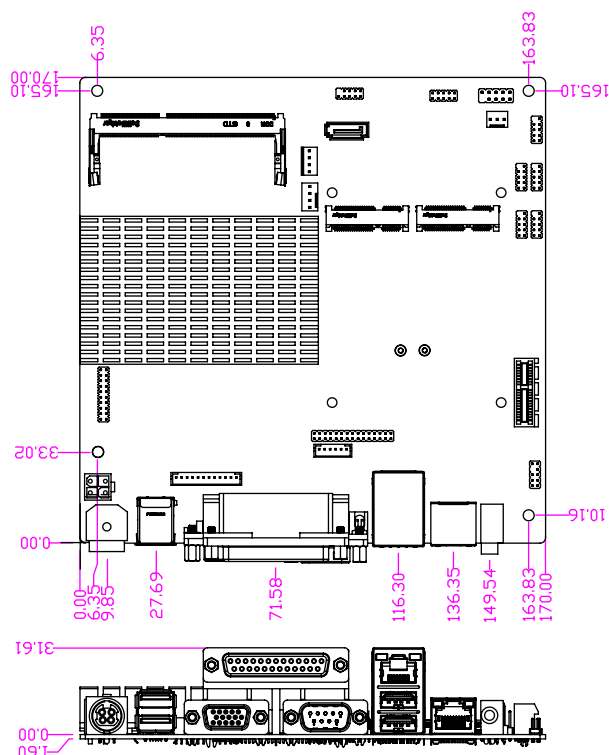


- Support Intel Quad Core J1900 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 1* VGA, 1* HDMI, 1* LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 1* USB 3.0, 5* USB 2.0, 6* COMs, 2* GbE
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail J1900	Rear I/O Port	1* VGA, 2* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			1* COM , Line-out
Ethernet	Dual Realtek RTL8111G GbE		1* Parallel, 1* DC-in
		Internal I/O Port	1* VGA, 1* HDMI
Graphic	1* VGA supports up to 1920x1200@60Hz		2* USB 2.0, 1* LVDS
	1* HDMI supports up to 1920x1200@60Hz		5* COM, 1* SATAII
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* GPIO, 1* PS/2
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAII, 1* mSATA (full size, shared)	Power	12V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC7K-I1900

Features

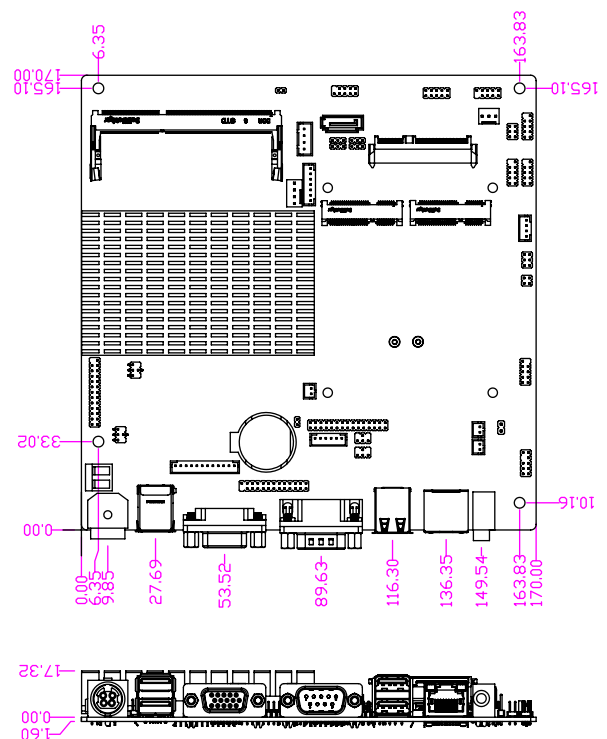


- Support Intel Bay Trail-D J1900 processor (CO-LAY N2930)
- 1* SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 1* VGA, 1* eDP, 1* LVDS
- Supports 1* Mini PCIe, 1* mSATA
- Supports 1* USB 3.0, 8* USB 2.0, 4* COM
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail-D J1900	Rear I/O Port	1* VGA, 1* GbE,
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			Line-out, 1* COM (supports 5V/12V),
Ethernet	One Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	5* USB 2.0, 1* PS/2, 1* LVDS
Graphic	1* VGA supports up to 2560x1600@60Hz		1* eDP, 1* VGA
	1* eDP supports up to 2560x1600@60Hz		3* COM (COM2 supports 5V/12V)
	1* LVDS		1* STATII, 1* Parallel, 1* GPIO
		Watchdog Timer	256 segments (0 ~ 255sec)
		Power	12V DC-in
Storage	1* SATAII	Temperature	Operating 0~60°C
			Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size), 1* mSATA, 1* SIM holder	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

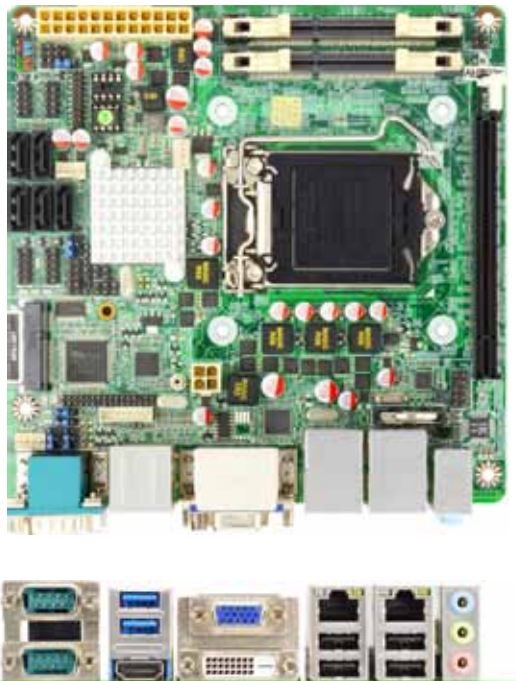
JNF9J-Q87

Features

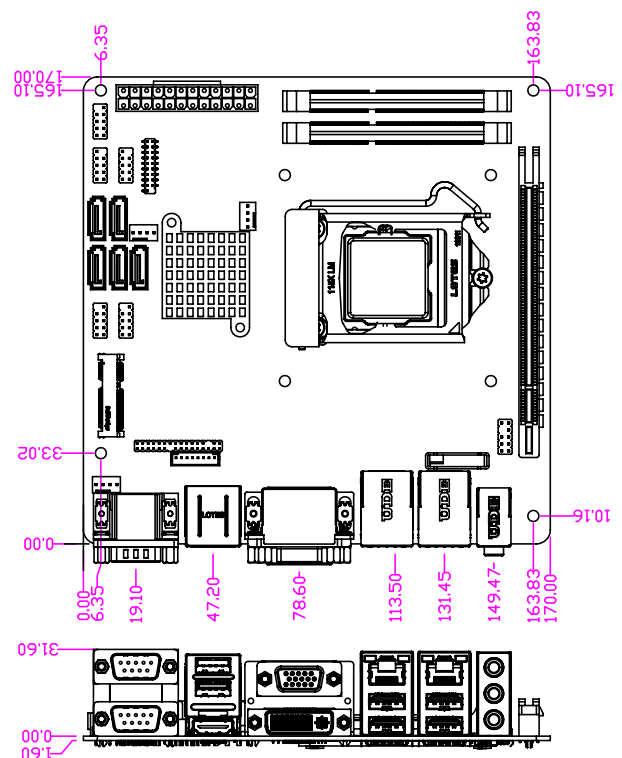


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q87 chipset
- 2* 204-pin SO-DIMM up to 16GB DDR3 1600/1333 MHz SDRAM
- Supports 1* VGA, 1* HDMI, 1* DVI-D, 1* LVDS
- Supports 1* PCIe x16 and 1* Mini PCIe
- Supports 4* USB 3.0, 8* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1150 CPU/Q87 Chipset	Rear I/O Port	1* VGA, 1* HDMI, 1* DVI-D
Memory	2* DDR3 1600/1333MHz SODIMM up to 16GB		2* GbE, 2* USB 3.0, 4* USB 2.0
			2* COM (COM1 supports RS232/422/485),
Ethernet	One Intel i211AT & One Intel i217LM GbE		Line-out, Line-in, MIC
		Internal I/O Port	2* USB 3.0, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		1* LVDS, 2* COM
	1* HDMI supports up to 1920x1200@60Hz		5* SATAIII, 1* GPIO
	1* DVI-D supports up to 1920x1200@60Hz		1* PS/2
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	5* SATAIII, 1* mSATA (full size)	Power	24pin ATX + 4pin 12V
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x16, 1* Mini PCIe (shared)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9Q-Q87

Features

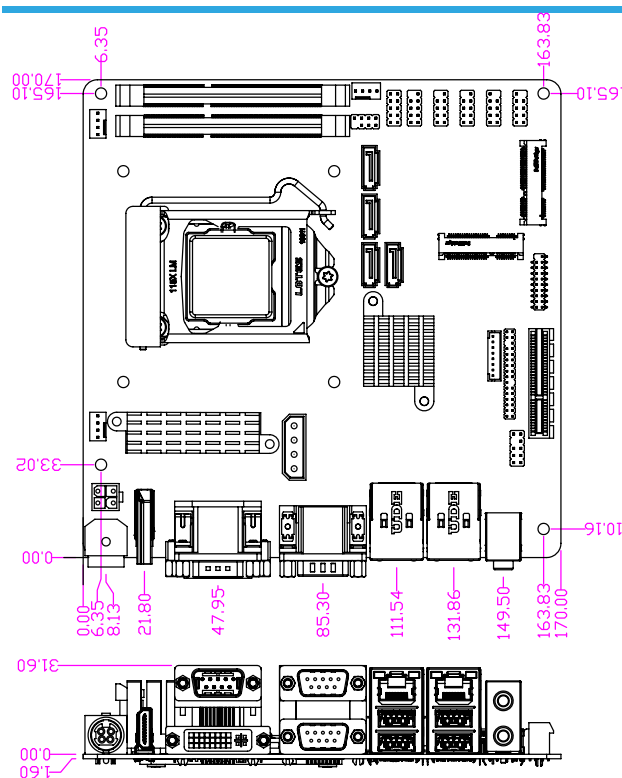


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q87 chipset
- 2* 204-pin SO-DIMM up to 16GB DDR3 1600/1333 MHz SDRAM
- Supports 1* HDMI, 1* DVI-I, 1* LVDS
- Supports 1* PCIe x4 and 1* Mini PCIe
- Supports 6* USB 3.0, 4* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1150 CPU/Q87 Chipset	Rear I/O Port	1* HDMI, 1* DVI-I
Memory	2* DDR3 1600/1333MHz SODIMM up to 16GB		2* GbE, 4* USB 3.0
			3* COM (COM1 supports RS232/422/485)
Ethernet	One Intel i211AT & One Intel i217LM GbE		Line-out, MIC, 1* DC-in
		Internal I/O Port	2* USB 3.0, 4* USB 2.0, 1* LVDS
Graphic	1* HDMI supports up to 1920x1200@60Hz		2* COM, 4* SATAIII
	1* DVI-I supports up to 1920x1200@60Hz		1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* PS/2
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	4* SATAIII, 1* mSATA (full size)	Power	9~24V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x4, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF9QU-Q87

Features

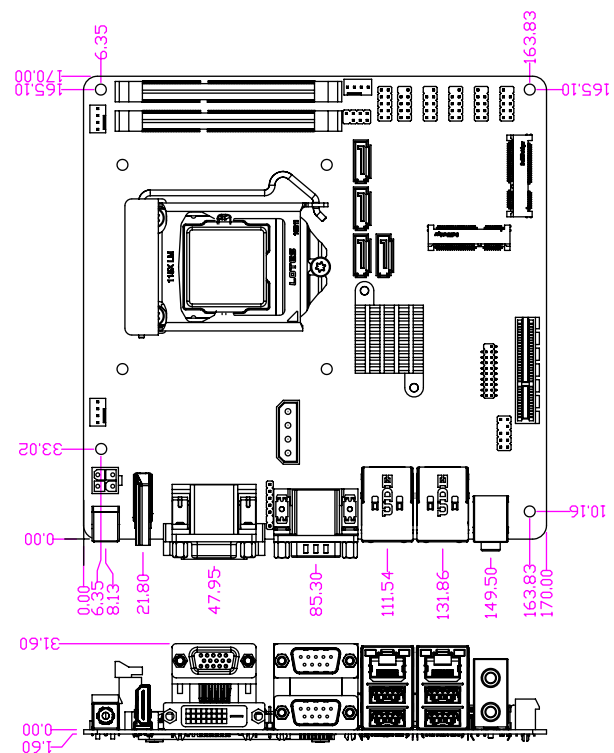


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q87 chipset
- 2* 204-pin SO-DIMM up to 16GB DDR3 1600/1333 MHz SDRAM
- Supports 1* VGA, 1* HDMI, 1* DVI-D
- Supports 1* PCIe x4 and 1* Mini PCIe
- Supports 6* USB 3.0, 4* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1150 CPU/Q87 Chipset	Rear I/O Port	1* VGA, 1* HDMI, 1* DVI-D
Memory	2* DDR3 1600/1333MHz SODIMM up to 16GB		2* GbE, 4* USB 3.0
			2* COM (COM1 supports RS232/422/485)
Ethernet	One Intel i211AT & One Intel i217LM GbE		Line-out, MIC, 1* DC-in
		Internal I/O Port	2* USB 3.0, 4* USB 2.0, 1* LVDS
Graphic	1* VGA supports up to 1920x1200@60Hz		2* COM, 4* SATAIII
	1* HDMI supports up to 1920x1200@60Hz		1* GPIO
	1* DVI-D supports up to 1920x1200@60Hz		1* PS/2
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	4* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x4, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC9VL-H81

Features

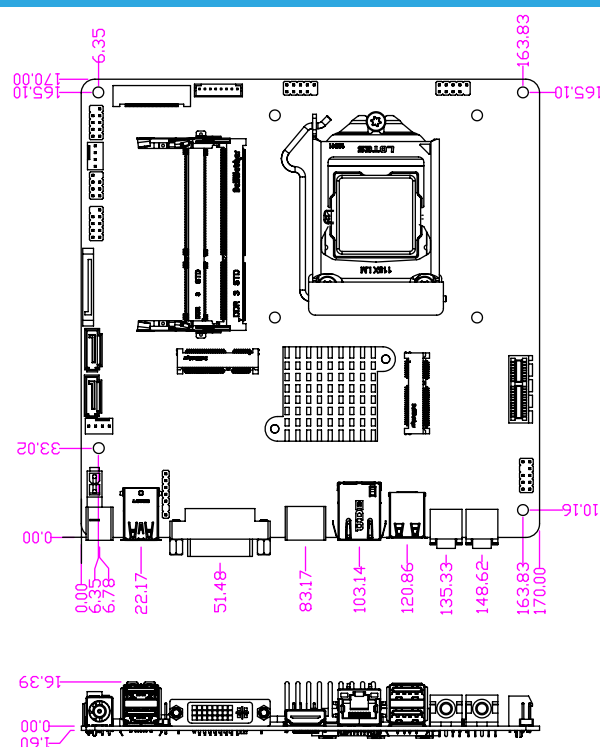


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel H81 chipset
- 2* 204-pin SO-DIMM up to 16GB DDR3 1600/1333 MHz SDRAM
- Supports 1* HDMI, 1* DVI-I, 1* LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 2* USB 3.0, 6* USB 2.0
- Thin Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1150 CPU/H81 Chipset	Rear I/O Port	1* HDMI, 1* DVI-I
Memory	2* DDR3 1600/1333MHz SODIMM up to 16GB		1* GbE, 2* USB 3.0
			2* USB 2.0, Line-out
Ethernet	One Intel i217LM GbE		MIC, 1* DC-in
		Internal I/O Port	4* USB 2.0, 1* LVDS
Graphic	1* HDMI supports up to 1920x1200@60Hz		1* SATAIII, 1* SATAII
	1* DVI-I supports up to 1920x1200@60Hz		1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* PS/2
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII, 1* SATAII, 1* mSATA (full size)	Power	19V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC6I-IH81

Features

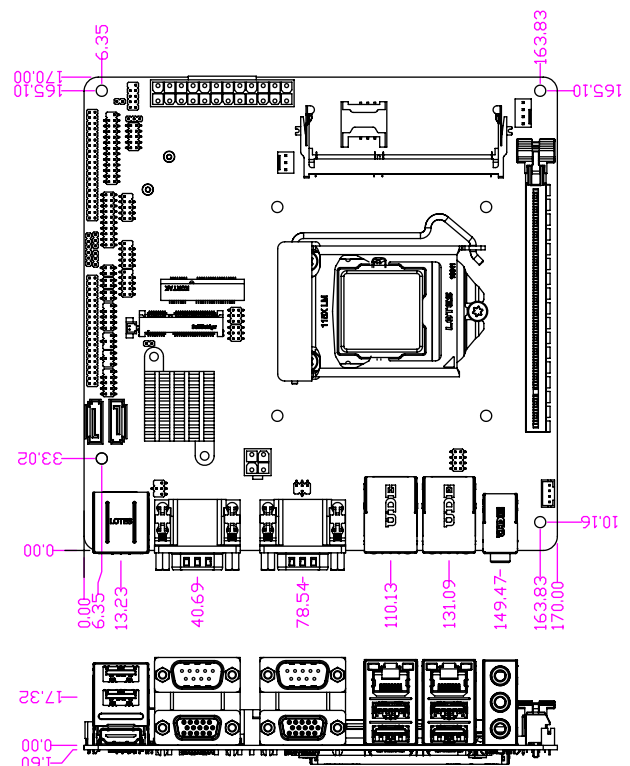


- Support Intel Core i7/i5/i3/ Pentium processor (LGA) with Intel H81 chipset
- 2* SO-DIMM up to 16GB DDR3L 1600/1333 MHz SDRAM
- Supports 2* VGA, 1* HDMI
- Supports 1* PCIe x16, 2* Mini PCIe, 1* mSATA(Co-lay Mini PCIe)
- Supports 4* USB3.0, 8* USB2.0, 12* COM
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1150 CPU/H81 Chipset	Rear I/O Port	2* VGA, 1* HDMI
Memory	2* DDR3L 1600/1333MHz SODIMM up to 16GB		2* GbE, 4* USB 3.0
			2* USB2.0, 1* Audio
Ethernet	Dual Intel i211AT GbE		2* RS232/422/485
		Internal I/O Port	6* USB2.0, 1* PS/2
Graphic	2* VGA supports up to 1920x1200@60Hz		10* COM (COM3/COM4 Support RS232/485)
	1* HDMI support up to 2560x1600@60 Hz		1* Parallel, 1* GPIO
			1* TPM header
		Watchdog Timer	0~255 Sec.
		Power	24pin ATX + 4pin
Storage	2* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C
			Storage -20~85°C
Expansion Slot	1* PCIe x16, 2* Mini PCIe (full size, shared)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF592-Q170

Features

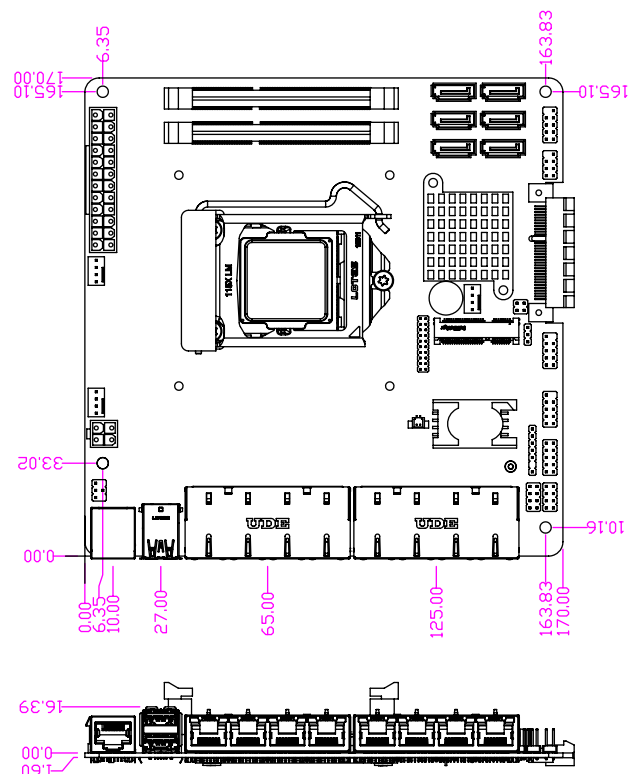


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q170 chipset
- 2* 204-pin SO-DIMM up to 16GB DDR3L 1600MHz SDRAM
- Supports 1* HDMI, 8* Intel GbE
- Supports 1* PCIe x4 and 1* Mini PCIe
- Supports 2* USB 3.0, 4* USB 2.0
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 CPU/Q170 Chipset	Rear I/O Port	8* GbE
Memory	2* DDR3L 1600MHz SODIMM up to 16GB		2* USB 3.0
			1* COM (RJ45 type)
Ethernet	Seven Intel i211AT & One Intel i219LM GbE	Internal I/O Port	4* USB 2.0, 6* SATAIII
Graphic	1* HDMI supports up to 4096x2160@24Hz		1* GPIO
			1* PS/2
			1* SIM card holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX + 4pin 12V
Storage	6* SATAIII	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x4, 1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF697-Q170

Features

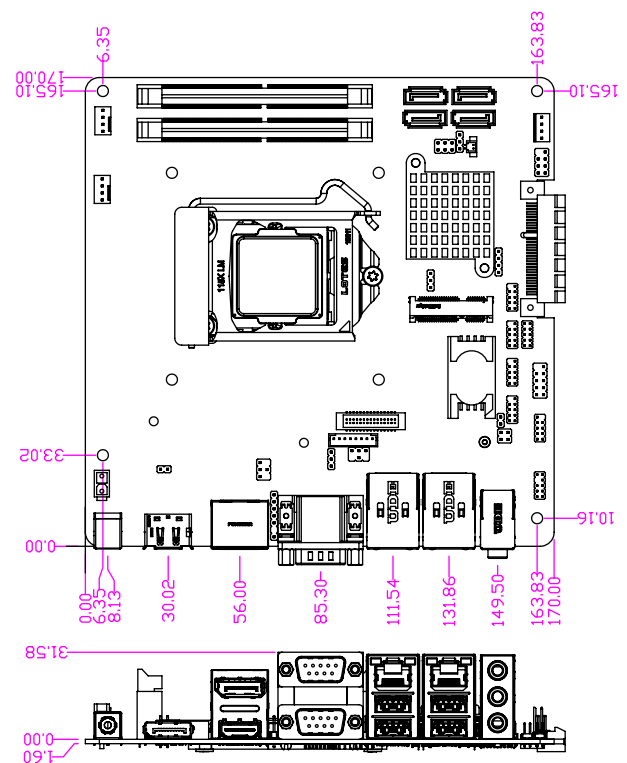


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q170 chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Supports 1* HDMI, 2* DP, 1* LVDS
- Supports 1* PCIe x4 and 1* Mini PCIe
- Supports 4* USB 3.0, 2* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 CPU/Q170 Chipset	Rear I/O Port	1* HDMI, 2* DP
Memory	2* DDR4 2133MHz SODIMM up to 32GB		2* GbE, 4* USB 3.0
			2* COM (COM2 supports RS232/422/485)
Ethernet	1* Intel i211AT & 1* Intel i219LM GbE		Line-out, Line-in, MIC, DC-in
		Internal I/O Port	2* USB 2.0, 1* LVDS,
Graphic	1* HDMI supports up to 4096x2160@24Hz		4* COM, 4* SATAIII
	2* DP supports up to 4096x2304@60Hz		1* GPIO, 1* PS/2
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz	Watchdog Timer	1* onboard TPM (option)
		Power	0~255 Sec./Min. programmable
Storage	4* SATAIII	Temperature	9~24V DC-in
			Operating 0~60°C with 0.7 m/s air flow
Expansion Slot	1* PCIe x4, 1* Mini PCIe (full size)	Dimension	Storage -20~85°C
			170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF795-Q170

Features

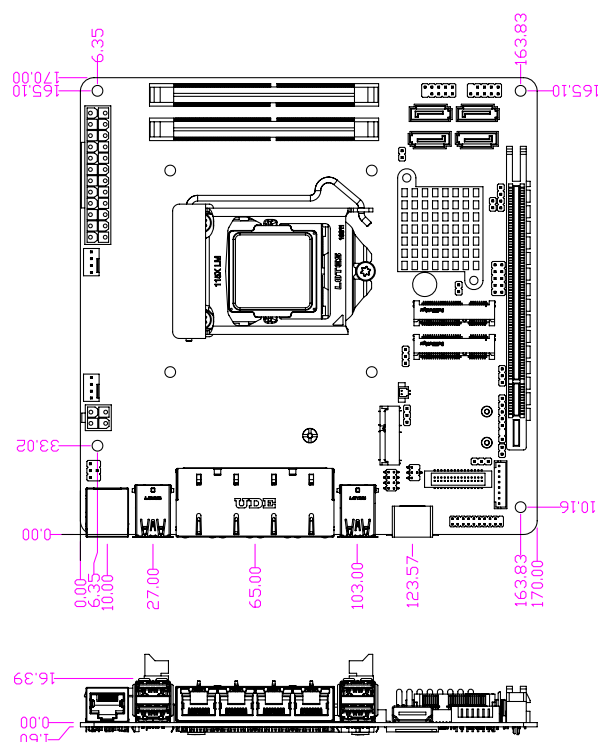


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel Q170 chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Support HDMI/LVDS
- Support 1* PCIe x16 & 1* Mini PCIe
- Support 6* USB 3.0, 2* USB 2.0
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 CPU/Q170 Chipset	Rear I/O Port	4* GbE, 4* USB 3.0
Memory	2* DDR4 2133MHz SODIMM up to 32GB		1* HDMI
			1* COM (RJ45 Type)
Ethernet	3* Intel i211AT & 1* Intel i219LM GbE		1* SIM holder (back side)
		Internal I/O Port	2* USB 3.0, 2* USB 2.0
Graphic	1* HDMI up to 4096x2304@24Hz		4* SATAIII
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz		1* GPIO
			1* PS/2
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX + 4pin 12V
Storage	4* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x16, 1* Mini PCIe (half size), 1* M.2 (E-key, 2230)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF595-H110

Features

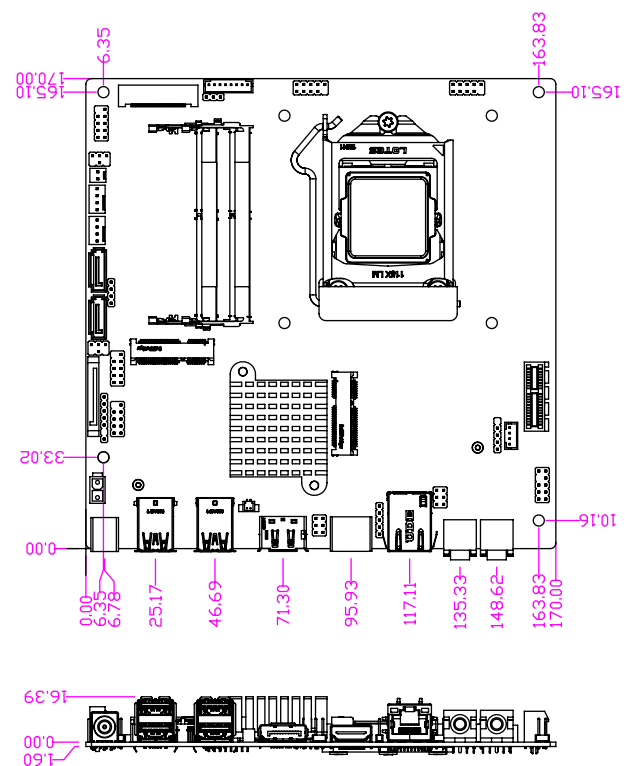


- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel H110 chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Supports 1* HDMI, 1* DP, 1* LVDS
- Supports 1* PCIe x1 and 1* Mini PCIe
- Supports 4* USB 3.0, 4* USB 2.0
- Thin Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

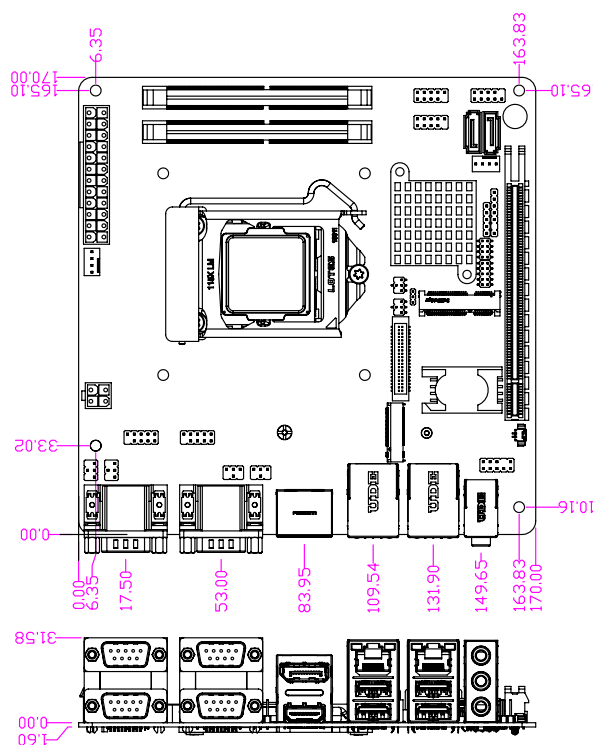
Processor/Chipset	LGA1151 CPU/H110 Chipset	Rear I/O Port	1* HDMI, 1* DP
Memory	2* DDR4 2133MHz SODIMM up to 32GB		1* GbE
			4* USB 3.0
Ethernet	One Intel i219V GbE		Line-out, MIC, DC-in
		Internal I/O Port	4* USB 2.0, 1* LVDS
Graphic	1* HDMI supports up to 4096x2160@24Hz		2* COM (1 supports RS232/422/485)
	1* DP supports up to 4096x2304@60Hz		2* SATAIII, 1* GPIO, 1* PS/2
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* onboard TPM (option)
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	2* SATAIII, 1* mSATA (full size)	Power	19V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* Mini PCIe (half size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

CE FCC EUP RoHS

- Support Intel Core i7/i5/i3/ Pentium / Celeron desktop processor (LGA) with Intel H110 chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Supports 1* HDMI, 1* DP, 1* eDP
- Supports 1* PCIe x16 and 1* Mini PCIe (shared)
- Supports 4* USB 3.0, 4* USB 2.0
- Mini ITX Form Factor

Mechanical Dimension



Processor/Chipset	LGA1151 CPU/H110 Chipset	Rear I/O Port	1* HDMI, 1* DP
Memory	2* DDR4 2133MHz SODIMM up to 32GB		2* GbE, 4* USB 3.0
			4* COM (COM1 supports RS232/422/485)
Ethernet	Dual Realtek RTL8111G GbE		Line-out, Line-in, MIC
		Internal I/O Port	4* USB 2.0, 1* eDP
Graphic	1* HDMI supports up to 4096x2160@24Hz		2* COM (1 supports RS232/422/485)
	1* DP supports up to 4096x2304@60Hz		2* SATAIII, 1* GPIO,1* PS/2
	1* eDP supports up to 4096x2304@60Hz		1* SIM card holder, 1* onboard TPM (option)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	24pin ATX + 4pin 12V
Storage	2* SATAIII, 1* mSATA (full size), 1* M.2 (M-key 2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x16, 1* Mini PCIe (full size shared)	Dimension	170 * 170mm (6.69" * 6.69")

P.58

JNF791-3855/3955

Features

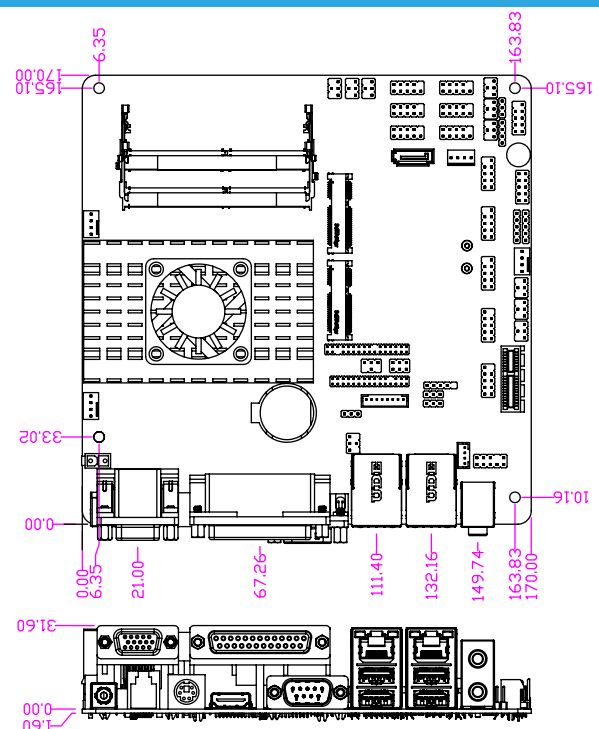


- Support Intel Skylake 3855U/3955U (FCBGA1356)
- 2* 260-pin SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Supports 1* VGA, 1* HDMI, 1* LVDS, 1* eDP
- Supports 1* PCIe x1, 1* Mini PCIe(shared), 1* Mini PCIe (half size)
- Supports 4* USB 3.0, 5* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel 3855U/3955U SoC CPU	Rear I/O Port	1* VGA, 1* HDMI, 2* GbE, 4* USB 3.0
Memory	2* DDR4 2133MHz SODIMM up to 32GB		1* COM (COM1 supports RS232/422/485)
Ethernet	Dual Realtek RTL8111H GbE		1* Parallel, 1* Line-out, 1* MIC, 1* Line-in
Graphic	1* HDMI supports up to 4096x2160@24Hz	Internal I/O Port	1* PS/2, 1* RJ11, 1* DC-in
	1* VGA supports up to 1920x1200@60Hz		5* USB 2.0, 1* LVDS, 1* eDP
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		9* COM
	1*eDP supports up to 4096x2304@60Hz		1* SATAIII
Storage	1* SATAIII, 1* mSATA (full size)	Watchdog Timer	1* GPIO
Expansion Slot	1* PCIe x1, 1* Mini PCIe (full size, shared), 1* Mini PCIe (half size)	Power	0~255 Sec./Min. programmable
		Temperature	12V DC-in
		Dimension	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
			170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC6J-I3855-6C

Features

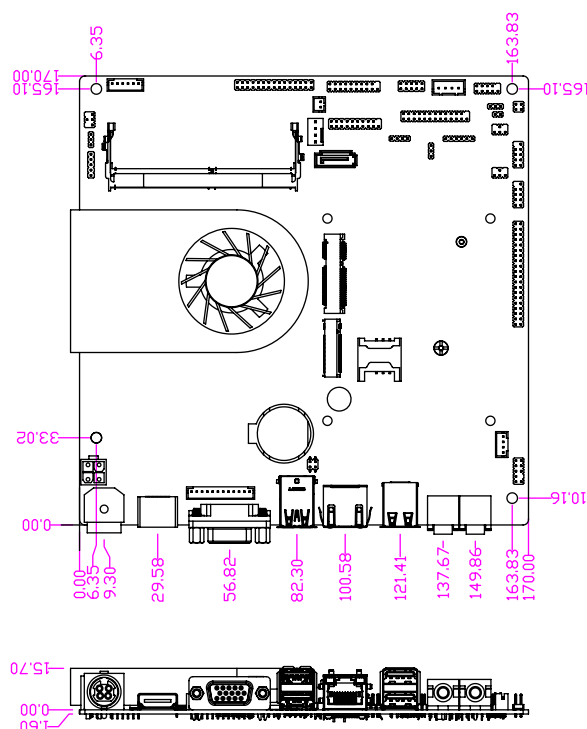


- Support Intel Skylake 3855U (FCBGA1356)
- 1* 260-pin SO-DIMM up to 16GB DDR4 2133/1866MHz SDRAM
- Support triple display, 1* VGA, LVDS/HDMI/eDP/DP (option)
- Supports 1* Mini PCIe, 1* M.2, 1* SIM holder
- Supports 4* USB 3.0, 3* USB2.0
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel 3855U SoC CPU	Rear I/O Port	1* VGA, HDMI/DP (option)
Memory	1* DDR4 2133/1866MHz SODIMM up to 16GB		1* GbE, 2* USB 3.0, 2* USB 2.0
			MIC, Line-out, 1* DC-in
Ethernet	One Realtek RTL8111G GbE	Internal I/O Port	2* USB 3.0, 1* USB 2.0, 1* PS/2
			LVDS/eDP (option), 1* VGA, 6* COM
Graphic	1* VGA supports up to 1920x1200@60Hz		(COM1/COM2 supports RS232/422/485
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		2* RS232 supports 5V/12V selectable),
	1* eDP supports up to 4096x2304@60Hz (option)		1* SATAIII, 1* SIM card holder, 1* GPIO
	1* HDMI supports up to 4096x2304@24Hz	Watchdog Timer	0~255 Sec./Min. programmable
	1* DP supports up to 4096x2304@60Hz	Power	12V DC-in
Storage	1* SATAIII, 1* M.2 (2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow
			Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC6J-I3855-2L

Features

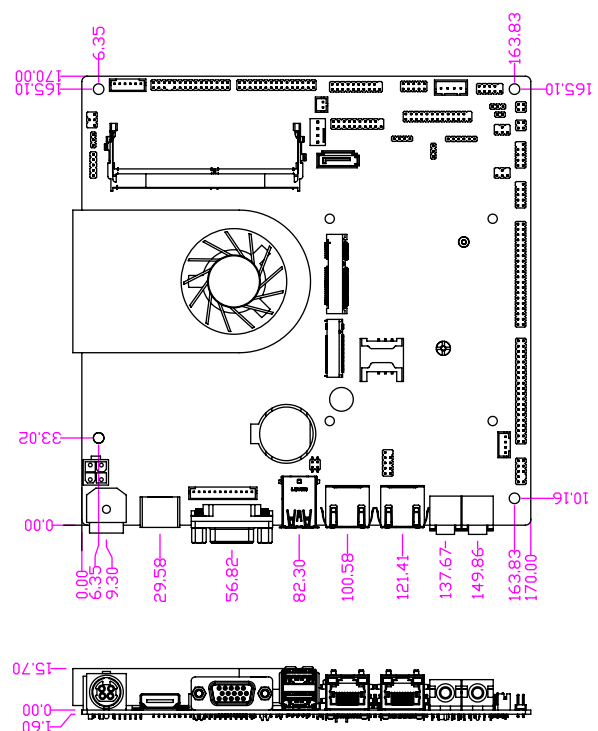


- Support Intel Skylake 3855U (FCBGA1356)
- 1* 260-pin SO-DIMM up to 16GB DDR4 2133MHz SDRAM
- Support triple display, 1* VGA, 1* LVDS, 1* HDMI, 1* eDP (option), 1* DP (option)
- Supports 1* Mini PCIe
- Supports 4* USB3.0, 3* USB2.0
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel 3855U SoC CPU	Rear I/O Port	1* VGA, 1* HDMI, 1* DP (option), 2* GbE
Memory	1* DDR4 2133MHz SODIMM up to 16GB		2* USB 3.0, 1* MIC
			1* Line-out, 1* DC-in
Ethernet	Dual Realtek RTL8111G GbE	Internal I/O Port	2* USB 3.0, 3* USB 2.0, 1* PS/2, 1* LVDS
			1* eDP (option), 1* VGA, 10* COM (COM1/
Graphic	1* VGA supports up to 1920x1200@60Hz		COM2 supports RS232/422/485, 2* RS232
	1* HDMI supports up to 4096x2304@24Hz		supports 5V/12V selectable), 1* SATAIII
	1* 24 bits Dual CH LVDS supports up to		1* M.2, 1* SIM card holder, 1* GPIO
	1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
	1* eDP supports up to 4096x2304@60Hz (option)	Power	12V DC-in
Storage	1* SATAIII, 1* M.2 (2242/2260)	Temperature	Operating 0~60°C with 0.7 m/s air flow
			Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

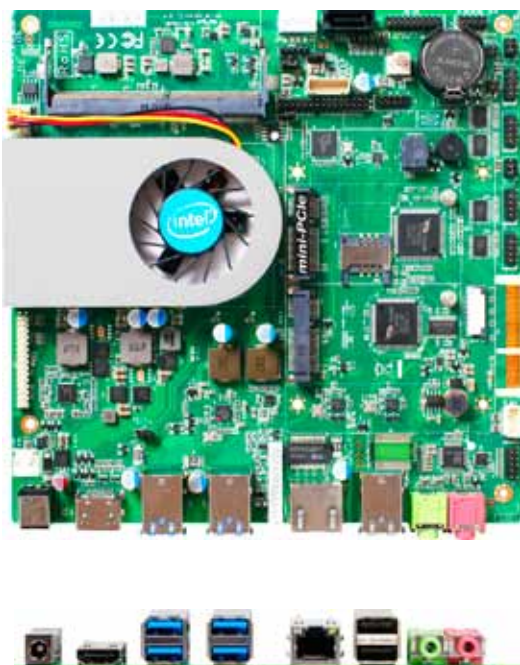
JNC8D-I3855

Features

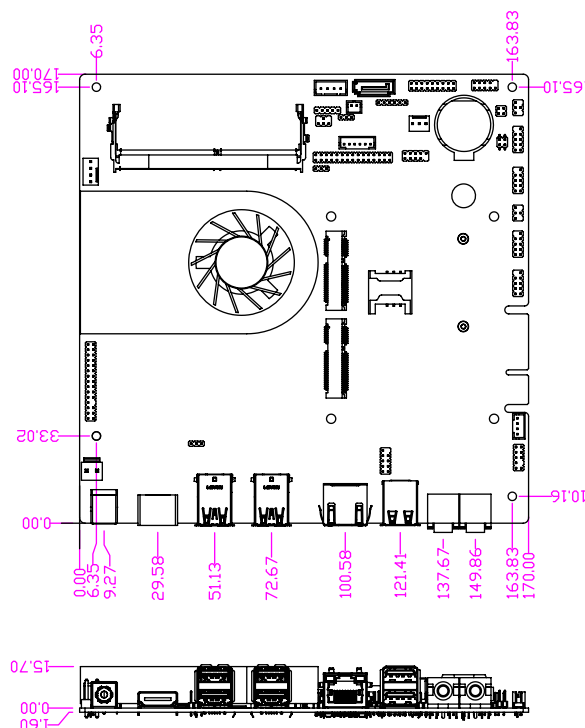


- Support Intel Skylake-U 3855U (Co-lay i3/i5/i7 Series)
- 1* SO-DIMM up to 16GB DDR4 2133MHz SDRAM
- Support dual display, 1* VGA, 1* LVDS, 1* eDP, 1* HDMI
- Support 1* Mini PCIe, 1* mSATA, 1* PCIe x4, 1* SIM holder
- Support 4* USB 3.0, 4* USB 2.0, 1* GbE
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake-U 3855U SoC CPU	Rear I/O Port	1* HDMI (Co-lay VGA)
Memory	1* DDR4 2133MHz SODIMM up to 16GB		1* GbE, 4* USB 3.0, 2* USB 2.0
			1* MIC, 1* Line-out
Ethernet	One Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	2* USB2.0, 1* PS/2, 1* LVDS, 1* eDP, 1* VGA, 4* COM(COM1/COM2 supports 5V/12V selectable), 1* SATAIII, 1* Mini PCIe, 1* mSATA, 1* GPIO, 1* SIM card holder
Graphic	1* VGA	Watchdog Timer	0~255 Sec.
	1* LVDS supports up to 2560x1600@60Hz	Power	12V DC-in
	1* eDP supports up to 4096x2304@60Hz	Temperature	Operating -10~60°C
	1* HDMI supports up to 4096x2304@24Hz		Storage -20~70°C
Storage	1* SATAIII	Dimension	170 * 170mm (6.69" * 6.69")
Expansion Slot	1* Mini PCIe (full size), 1* mSATA		
	1* PCIe x4, 1* SIM holder		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC8D-I3855-2L

Features

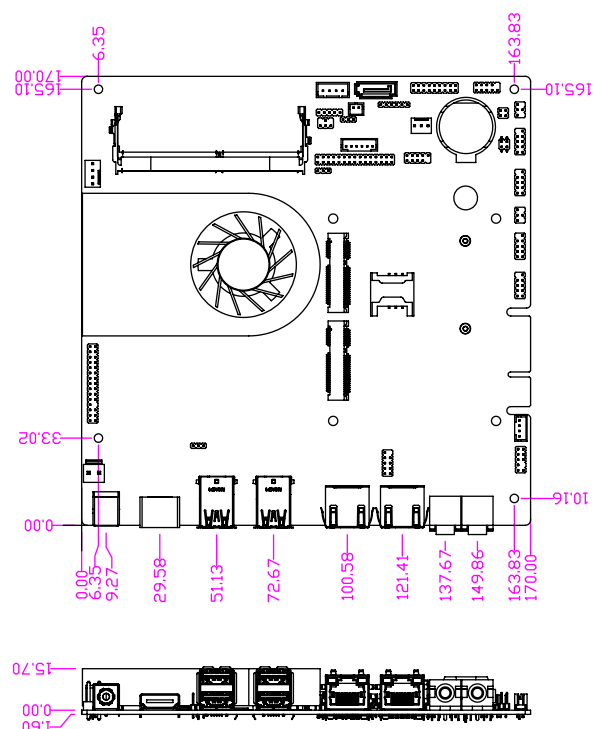


- Support Intel Skylake-U 3855U (Co-lay i3/i5/i7 Series)
- 1* SO-DIMM up to 16GB DDR4 2133MHz SDRAM
- Support dual display, 1* VGA, 1* LVDS, 1* eDP, 1* HDMI
- Support 1* Mini PCIe, 1* mSATA, 1* PCIe x4, 1* SIM holder
- Support 4* USB 3.0, 4* USB 2.0, 2* GbE
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake-U 3855U SoC CPU	Rear I/O Port	1* HDMI (Co-lay VGA)
Memory	1* DDR4 2133MHz SODIMM up to 16GB		2* GbE, 4* USB3.0
			1* MIC, 1* Line-out
Ethernet	Dual Realtek RTL8111G GbE		1* DC-in
	1* VGA	Internal I/O Port	4* USB2.0, 1* PS/2, 1* LVDS, 1* eDP, 1* VGA
Graphic	1* LVDS supports up to 2560x1600@60Hz		4* COM(COM1/COM2 supports 5V/12V
	1* eDP supports up to 4096x2304@60Hz		selectable), 1* SATAIII, 1* Mini PCIe, 1* mSATA
	1* HDMI supports up to 4096x2304@24Hz		1* GPIO, 1* SIM card holder
		Watchdog Timer	0~255 Sec.
		Power	12V DC-in
Storage	1* SATAIII	Temperature	Operating -10~60°C
			Storage -20~70°C
Expansion Slot	1* Mini PCIe (full size), 1* mSATA	Dimension	170 * 170mm (6.69" * 6.69")
	1* PCIe x4, 1* SIM holder		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF796-Q370

Features

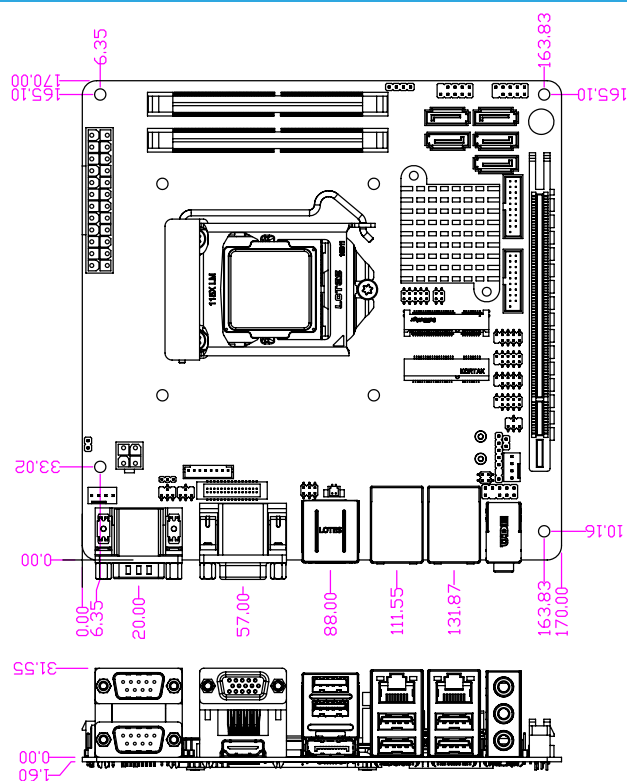


- Support Core i7/i5/i3/ Pentium / Celeron Processor (LGA)with Intel Q370 Chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2400/2666MHz SDRAM
- Support HDMI/DP/VGA/LVDS
- Support 1* PCIe x16 & 1* Mini PCIe (half size), 1* Mini PCIe (full size)
- Support 4* USB 3.1(Gen. 2), 6* USB 3.1(Gen. 1), 2* USB 2.0
- Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 Processor with Q370 chipset	Rear I/O Port	1* VGA, 1* HDMI, 1* DP, 2* GbE,
Memory	2* DDR4 2400/2666MHz SODIMM up to 32GB		4* USB 3.1(Gen. 2), 2* USB 3.1(Gen. 1)
			2* COM (RS232/422/485),
Ethernet	1* Intel i211AT & 1* Intel i219LM GbE		1* MIC, Line-in/OUT
		Internal I/O Port	4* USB 3.1(Gen. 1), 2* USB 2.0, 1* LVDS,
Graphic	1* VGA up to 1920x1200@60Hz		5* SATAIII, 1* GPIO, 1* PS/2
	1* HDMI up to 4096x2160@60Hz		4* COM, 1* onboard TPM (option),
	1* DP up to 4096x2304@60Hz		1* SIM holder
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	5* SATAIII support RAID 0,1,5,10, 1* mSATA(full size,shared with Mini-PCIe)	Power	24pin ATX + 4pin 12V
Expansion Slot	1* PCIe x16, 1* Mini PCIe (half size), 1* Mini PCIe (full size,shared with mSATA)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF893-H310

Features

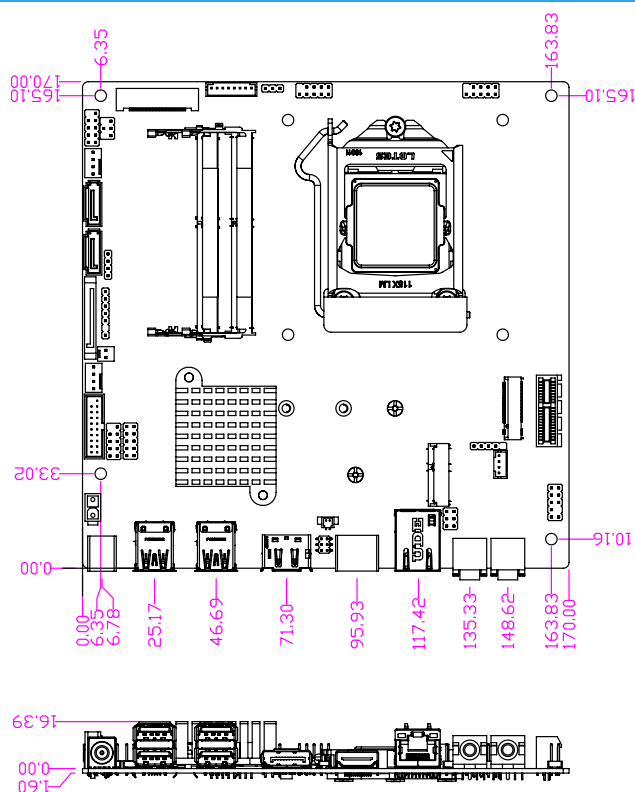


- Support Core i7/i5/i3/ Pentium / Celeron Processor (LGA)with Intel H310 Chipset
- 2* 260-pin SO-DIMM up to 32GB DDR4 2400/2666MHz SDRAM
- Support HDMI/ DP/LVDS
- Support 1* PCIe x1, 1* M.2 M-key, 1* M.2 E-key
- Support 4* USB 3.1(Gen. 1), 4* USB 2.0, 1* COM
- Thin Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 Processor with H310 chipset	Rear I/O Port	1* HDMI, 1* DP
Memory	2* DDR4 2400/2666MHz SODIMM up to 32GB		1* GbE, 4* USB 3.1 (Gen. 1)
			1* MIC, 1* Line-out
Ethernet	1* Intel I219-V GbE		DC-IN
		Internal I/O Port	2* SATAIII, 1* M.2 (M-key, 2242/2260/2280)
Graphic	1* HDMI up to 4096x2160@24Hz		1* PCIe x1, 1* M.2 (E Key, 2230), 1* COM
	1* DP up to 4096x2304@60Hz		4* USB2.0, 1* PS/2, 1* onboard TPM(option)
	1* LVDS up to 1920x1080@60Hz		1* LVDS(co-lay with eDP), 1* GPIO
	(default, option with eDP)	Watchdog Timer	0~255 Sec./Min. programmable
	1* eDP up to 4096x2304@60Hz(option)	Power	19V DC-in
Storage	2* SATAIII, 1* M.2 (M-key, 2242/2260/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe x1, 1* M.2 (E Key, 2230)	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC8H-IH310

Features

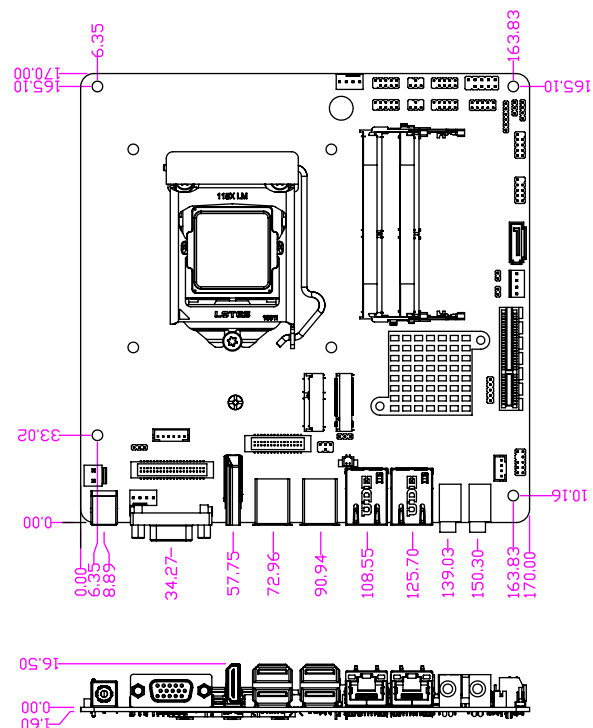


- Support Intel LGA1151 H310 processor
- 2* SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports 1* PCIe x4, 1* M.2 M-key, 1* M.2 E-key
- Supports 4* USB 3.0, 5* USB 2.0, 4* COMs
- Slim Mini ITX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	LGA1151 Processor with H310 chipset	Rear I/O Port	1* VGA, 1* HDMI
Memory	2* DDR4 2133MHz SODIMM up to 32GB		2* GbE, 4* USB 3.0
			MIC, Line-out
Ethernet	Dual Intel I219-V & i211AT GbE		1* DC-in
		Internal I/O Port	5* USB 2.0, 1* PS/2, 1* LVDS(co-lay with eDP)
Graphic	1* VGA up to 1920x1200@60Hz		4* COM(COM1/COM2 supports 5V/12V selectable)
	1* LVDS up to 1920x1080@60Hz		2* M.2, 1* GPIO, 1* SATAIII
	1* eDP up to 4096x2304@60Hz	Watchdog Timer	10~255 Sec
	1* HDMI supports up to 4096x2304@24Hz	Power	12~24V DC-in
Storage	1* SATAIII	Temperature	Operating 0~60°C Storage -20~85°C
Expansion Slot	2* M.2 (M key & E key), 1* PCIe x4	Dimension	170 * 170mm (6.69" * 6.69")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF3A-2930

Features

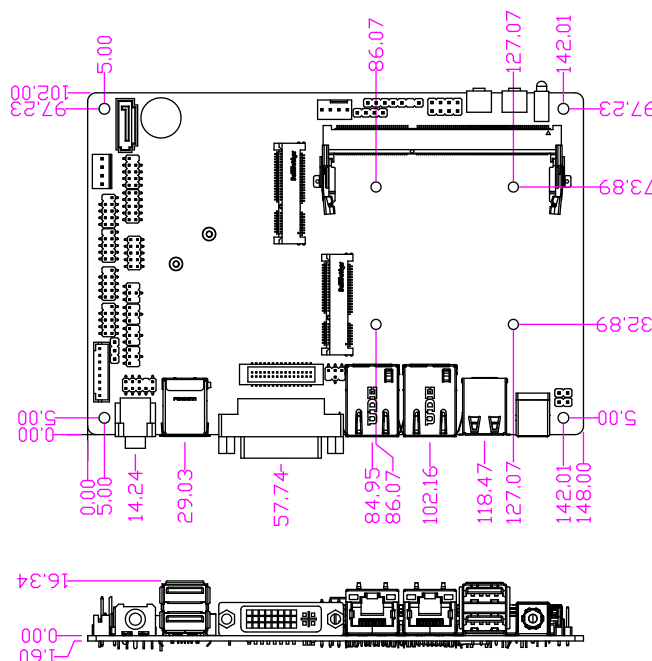


- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333MHz SDRAM
- Supports DVI-I/ LVDS
- Supports 1* Mini PCIe/mSATA and 1* half-size Mini PCIe
- Supports 1* USB 3.0, 7* USB 2.0, 4* COMs
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* DVI-I, 2* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			Line-out
Ethernet	Dual Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	1* LVDS, 4* USB 2.0
Graphic	1* DVI-I support up to 1920x1200@60Hz		4* COM (COM1 support RS232/422/485)
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SATAII, 1* PS/2
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAII, 1* mSATA (full size, shared)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF3AE-2930

Features

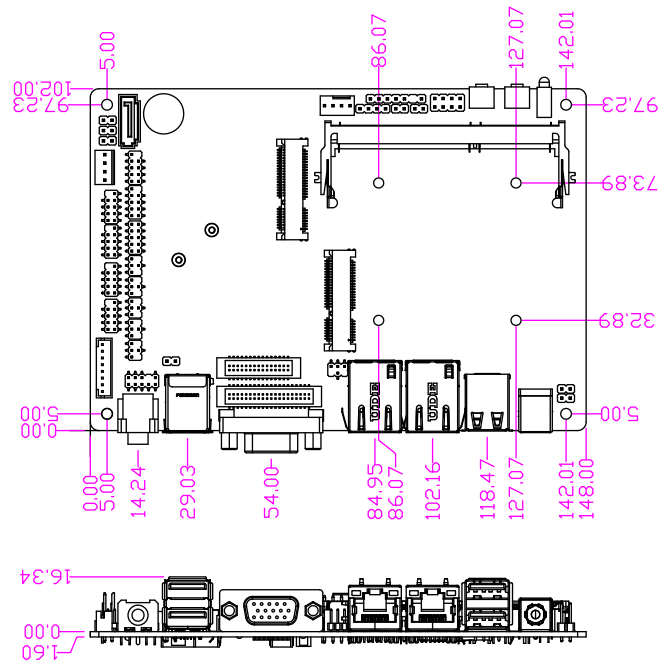


- Support Intel Quad Core N2930 Processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333MHz SDRAM
- Support VGA/LVDS/eDP
- Support 1* Mini PCIe/mSATA & 1* half size Mini PCIe
- Support 1* USB 3.0, 7* USB 2.0, 4* COM
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* VGA, 2* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			Line-out
Ethernet	2* Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	1* LVDS, 1* eDP
Graphic	1* VGA up to 1920x1200@60Hz		4* USB2.0, 1* SATAII
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz		1* PS/2, 1* GPIO
	1* eDP up to 2560x1600		4* COM(COM1 support RS232/422/485)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAII, 1* mSATA (full size shared with Mini-PCle)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size shared with mSATA, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF532-2930

Features

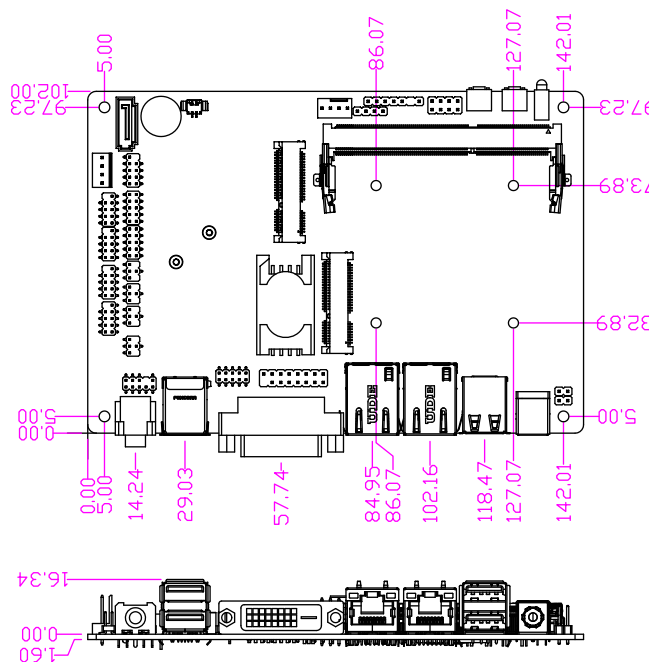


- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports DVI-D/VGA
- Supports 1* Mini PCIe/mSATA and 1* half-size Mini PCIe
- Supports 1* USB3.0, 7* USB2.0, 4* COMs
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* DVI-D, 2* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 3* USB 2.0
			Line-out
Ethernet	Dual Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	1* VGA, 4* USB 2.0
Graphic	1* DVI-D support up to 1920x1200@60Hz		4* COM (COM1 support RS232/422/485)
	1* VGA supports up to 1920x1200@60Hz		1* SATAII, 1* PS/2, 1* GPIO
			1* SPDIF, 1* SIM card holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAII, 1* mSATA (full size, shared)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF831-2930

Features

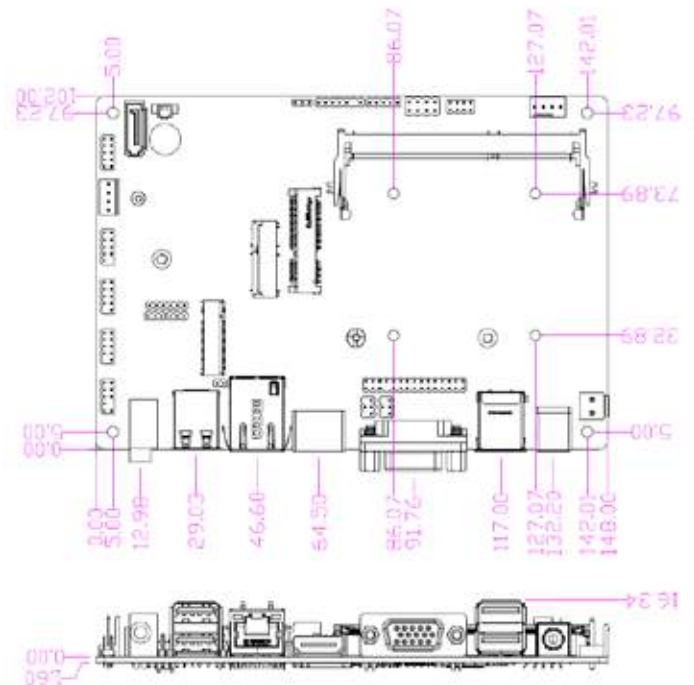


- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Support HDMI/VGA/eDP
- Support 1* Mini PCIe & 2* M.2 (M-Key 2242/2280, E-Key 2230)
- Support 1* USB 3.0, 7* USB 2.0, 1* COM
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* HDMI, 1* VGA
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* GbE, 1* USB 3.0
			3* USB 2.0, Line-out
Ethernet	1* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	1* eDP, 4* USB 2.0
Graphic	1* HDMI1.4a up to 1920x1200@60Hz		1* SATAII, 1* PS/2
	1* VGA up to 1920x1200@60Hz		1* GPIO, 1* COM
	1* eDP up to 2560x1600		1* SIM holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAII, 1* M.2 (M-key, 2242/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size), 1* M.2 (E-Key, 2230)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF533M-1900

Features

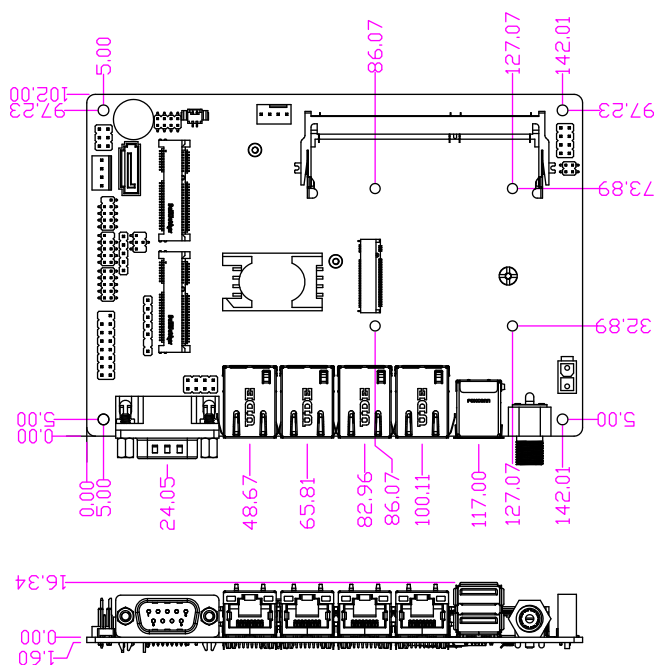


- Support Intel Quad Core J1900 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Support 4*Intel GbE
- Support 1* full size Mini PCIe, 1* half size Mini PCIe & 1* M.2 (M-key, 2242)
- Support 1* USB 3.0, 3* USB 2.0, 2* COM
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail J1900	Rear I/O Port	4* GbE, 1* USB 3.0
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 2.0
			1* COM
Ethernet	4* Intel i211AT GbE		1* DC-in
		Internal I/O Port	1* VGA, 2* USB 2.0
Graphic	1* VGA up to 1920x1200@60Hz		1* SATAII, 1* PS/2, 1* GPIO
			1* COM (support RS232/422/485)
			1* SIM holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAII, 1* M.2 (M-key, 2242)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF531M-3160

Features

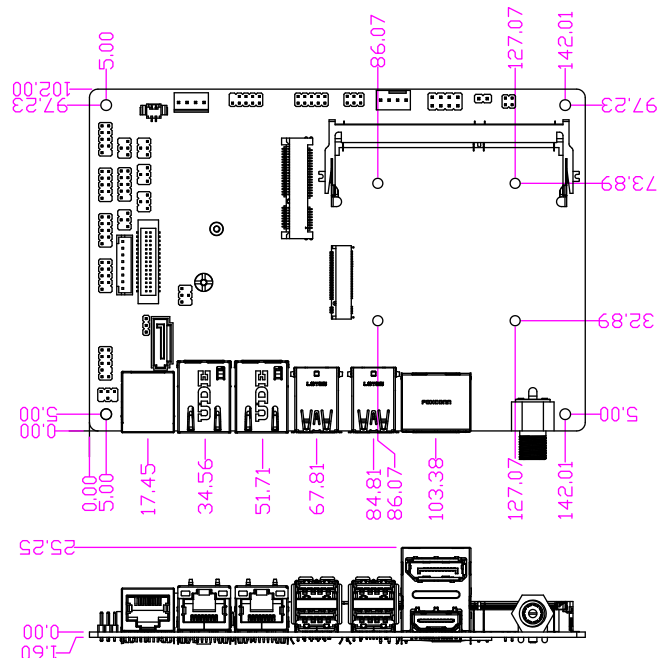


- Support Intel Quad Core N3160 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1600MHz SDRAM
- Support DP/HDMI/LVDS
- Support 1* Mini PCIe
- Support 4* USB 3.0, 2* USB 2.0, 6*COM
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	1* DP, 1* HDMI
Memory	1* DDR3L 1600MHz SODIMM up to 8GB		2* GbE, 4* USB 3.0
			1* COM
Ethernet	2* Intel i211AT GbE		1* DC-in
		Internal I/O Port	1* LVDS, 2* USB 2.0
Graphic	1* HDMI1.4b up to 3840x2160@30Hz		1* SATAIII, 1* GPIO
	1* DP 1.2 up to 3840x2160@30Hz		5* COM (COM2 support RS232/422/485)
	1* 24 bits Dual CH LVDS up to 1920x1200@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
		Power	9-36V DC-in
Storage	1* SATAIII (6Gb/s), 1* M.2 (M key 2242)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF631 Series

Features

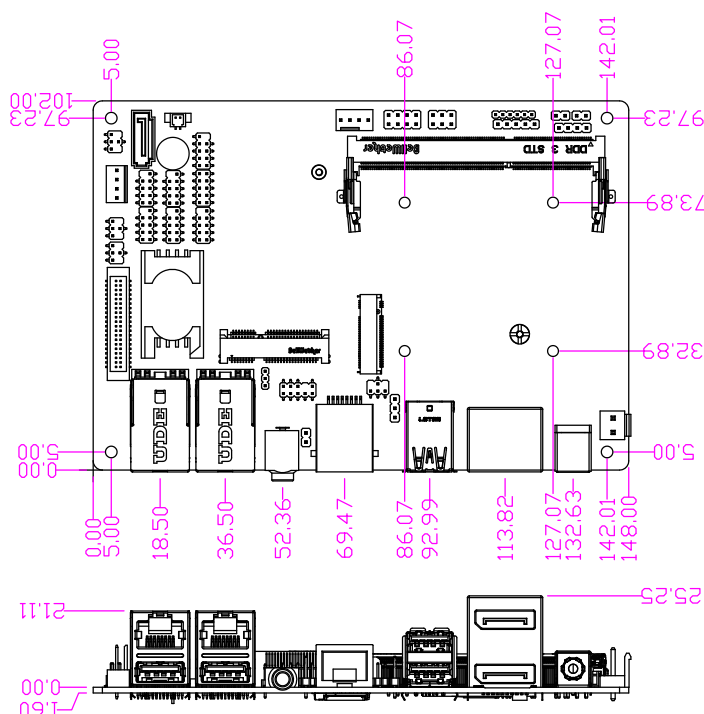


- Support Intel Apollo Lake Series processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1866 MHz SDRAM
- Supports 2* DP, 1* eDP
- Supports 1* Mini PCIe
- Supports 4* USB 3.0, 2* USB 2.0, 6* COMs
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake processor	Rear I/O Port	2* DP, 2* GbE, 4* USB 3.0,
Memory	1* DDR3L 1866MHz SODIMM up to 8GB		1* COM(RJ45 type), 1* Line-out/MIC Combo
			1* DC-in
Ethernet	Dual Intel i211AT GbE		1* micorSD
		Internal I/O Port	1* eDP, 2* USB 2.0
Graphic	2* DP 1.2 support up to 4096x2160@60Hz		5* COM (COM2 support RS232/422/485)
	1* eDP support up to 3840x2160@60Hz		1* SATAIII, 1* PS/2, 1* GPIO
			1* SIM card holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII (6Gb/s), 1* M.2 (M key 2242)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF832 Series

Features

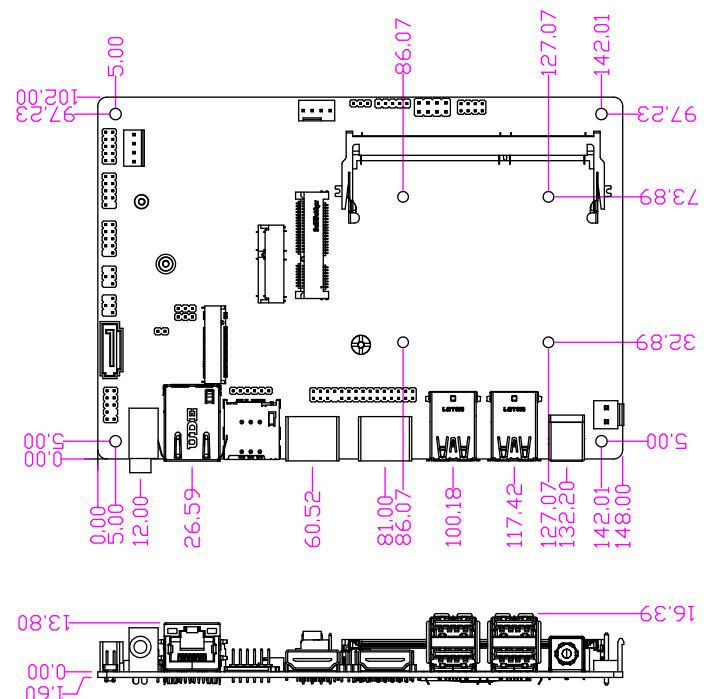


- Support Intel Apollo Lake Series Processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1866MHz SDRAM
- Support 2 HDMI/eDP
- Support 1* Mini PCIe & 2* M.2 (M-Key 2242/2280, E-Key 2230)
- Support 4* USB 3.0, 2* USB 2.0, 1* COM
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Apollo Lake processor	Rear I/O Port	2* HDMI, 1* GbE
Memory	1* DDR3L 1866MHz SODIMM up to 8GB		4* USB 3.0
			Line-out
Ethernet	1* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	1* eDP, 2* USB 2.0
Graphic	2* HDMI1.4b up to 3840x2160@30Hz		1* SATAII, 1* GPIO
	1* eDP up to 4096*2160@60Hz		1* RS232
			1* SIM holder
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAII, 1* M.2 (M-key, 2242/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size) 1* M.2 (E-Key, 2230)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF3E Series

Features

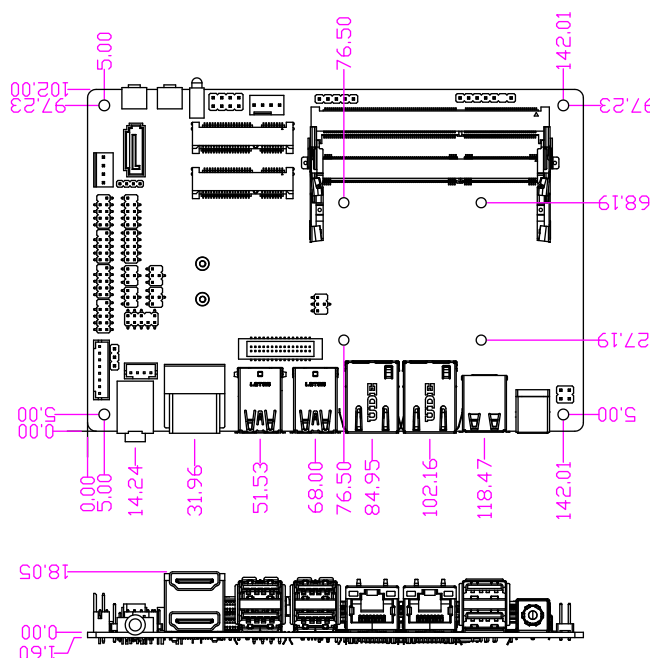


- Support Intel Haswell-U/Broadwell-U Series processor
- 2* 204-pin SO-DIMM up to 16GB DDR3L 1600 MHz SDRAM
- Supports 2* HDMI, 1* LVDS
- Supports 1* Mini PCIe/mSATA and 1* half-size Mini PCIe
- Supports 4* USB 3.0, 5* USB 2.0, 4* COMs
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell-U/Broadwell-U processor	Rear I/O Port	2* HDMI, 2* GbE
Memory	2* DDR3L 1600MHz SODIMM up to 16GB		4* USB 3.0, 2* USB 2.0
			1* Line-out
Ethernet	One Intel i211AT & One Intel i218LM GbE		1* DC-in
		Internal I/O Port	1* LVDS, 3* USB 2.0
Graphic	2* HDMI support up to 4096x2304@24Hz		4* COM (COM1 support RS232/422/485)
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SATAIII, 1* PS/2, 1* GPIO
			1* on-board TPM option
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAIII (6Gb/s), 1* mSATA (ful size, shared)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

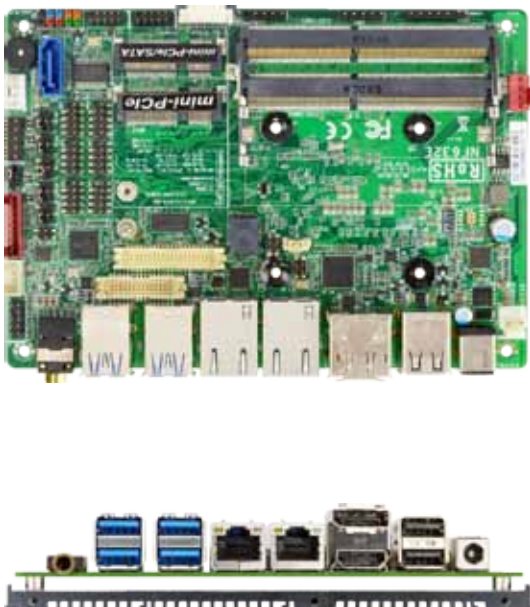
JNF632E Series

Features

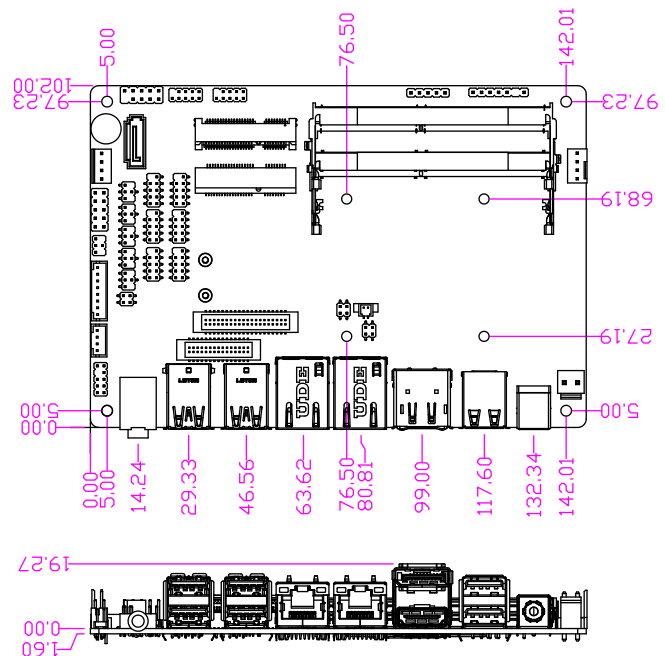


- Support Intel Skylake-U/Kabylake-U Series processor
- 2* SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports DP/HDMI/LVDS/eDP
- Supports 1* Mini PCIe/mSATA and 1* half-size Mini PCIe
- Supports 4* USB3.0, 7* USB2.0, 6* COMs
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake-U/Kabylake-U processor	Rear I/O Port	1* DP, 1* HDMI
Memory	2* DDR4 2133MHz SODIMM up to 32GB		2* GbE, 4* USB 3.0
			2* USB 2.0, 1* Line-out
Ethernet	One Intel i211AT & One Intel i219LM GbE		1* DC-in
		Internal I/O Port	1* eDP, 1* LVDS, 5* USB 2.0
Graphic	1* HDMI support up to 4096x2160@24Hz		6* COM (COM1 support RS232/422/485)
	1* DP support up to 4096x2304@60Hz		1* SATAIII, 1* PS/2, 1* GPIO
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* on-board TPM option
	1* eDP support up to 4096x2304@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAIII (6Gb/s), 1* mSATA (ful size, shared)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

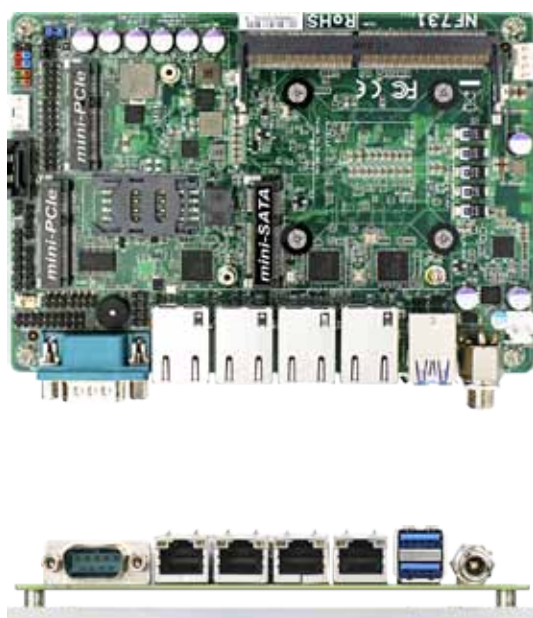
JNF731 Series

Features

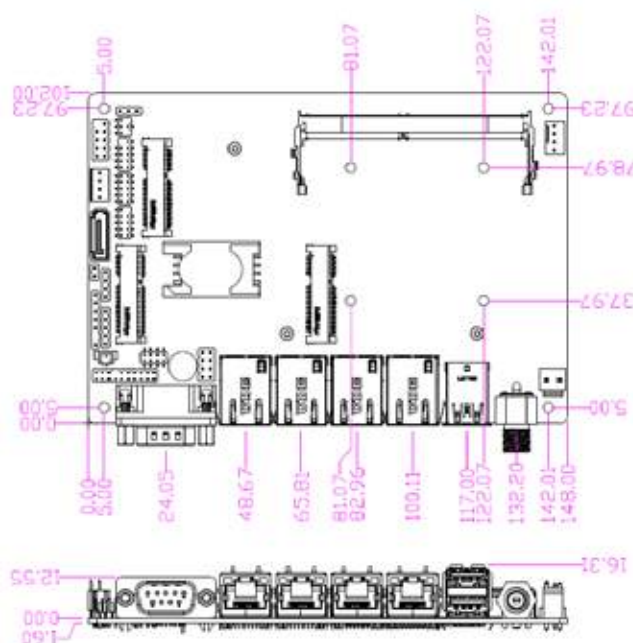


- Support Intel Skylake-U/ Kabylake-U Series processor
- 1* SO-DIMM up to 16GB DDR4 2133MHz SDRAM
- Supports 4* Intel GbE & 1* SIM card holder
- Supports 1* mSATA (full size), 1* Mini PCIe (full size), 1* Mini PCIe (half size)
- Supports 2* USB 3.0, 3* USB 2.0
- 3.5" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake-U/Kabylake-U processor	Rear I/O Port	4* GbE
Memory	1* DDR4 2133MHz SODIMM up to 16GB		2* USB 3.0
			1* COM
Ethernet	Three Intel i211AT & One Intel i219LM GbE		1* DC-in
		Internal I/O Port	3* USB 2.0, 1* COM(support RS232/422/485)
Graphic	1* HDMI support up to 4096x2160@60Hz		1* SATAIII, 1* GPIO
			1* PS/2
			1* HDMI
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII, 1* mSATA (full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size), 1* Mini PCIe (half size)	Dimension	148 * 102mm (5.83" * 4.01")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU792C2S-7100U

Features

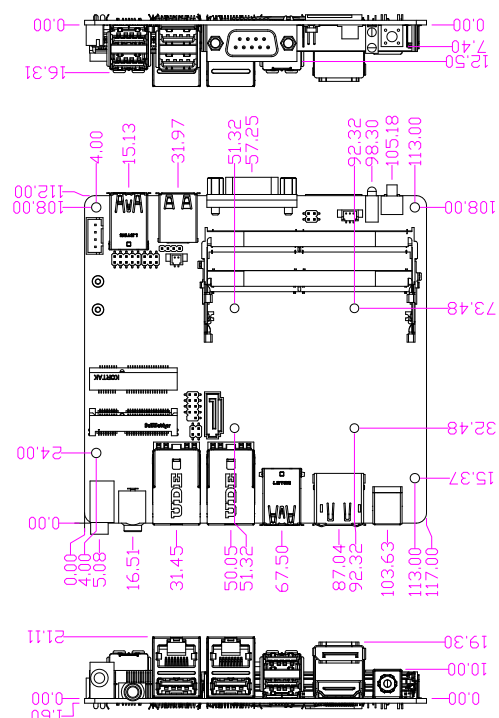


- Support Intel Kabylake Celeron i3-7100U Processor
- 2* SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Support DP/HDMI
- Support 1* full size Mini PCIe/mSATA & 1* half size Mini PCIe
- Support 6* USB 3.0, 5* USB 2.0, 1* COM
- uTX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Kabylake Celeron i3-7100U	Rear I/O Port	1* DP, 1* HDMI, 2* GbE
Memory	2* DDR4 2133MHz SODIMM up to 32GB		6* USB 3.0, 2* USB 2.0, 1* COM
			1* Line-out/MIC combo, 1* SIM card slot
Ethernet	1* Intel i211AT & 1* Intel i219LM GbE		1* Line-in, 1* DC-in
		Internal I/O Port	3* USB 2.0
Graphic	1* DP up to 4096x2304@60Hz		1* SATAIII
	1* HDMI up to 4096x2160@24Hz		1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII (6Gb/s)	Temperature	Operating 0~60°C with 0.7 m/s air flow
	1* mSATA(full size,shared with Mini-Pcie)		Storage -20~85°C
Expansion Slot	2* Mini PCIe (1* full size shared with mSATA, 1* half size)	Dimension	112 * 117mm (4.41" * 4.60")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU792V2S-3965U

Features

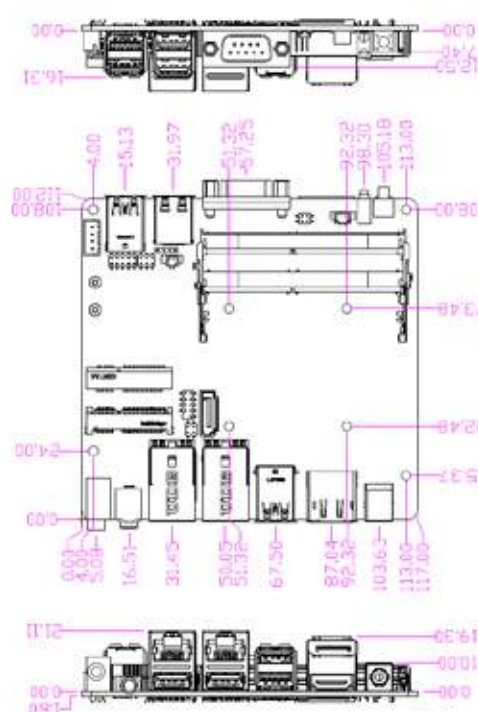


- Support Intel Kabylake Celeron 3965U Processor
- 2* SO-DIMM up to 32GB DDR4 2133MHz SDRAM
- Support VGA/HDMI
- Support 1* full size Mini PCIe/mSATA & 1* half size Mini PCIe
- Support 4* USB 3.0, 5* USB 2.0
- uTX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Kabylake Celeron 3965U	Rear I/O Port	1* VGA, 1* HDMI
Memory	2* DDR4 2133MHz SODIMM up to 32GB		2* GbE, 4* USB 3.0
			4* USB 2.0, 1* Line-out/MIC combo
Ethernet	1* Intel i211AT & 1* Intel i219LM GbE		1* Line-in, 1* DC-in, 1* SIM card slot
		Internal I/O Port	1* USB 2.0
Graphic	1* VGA up to 1920x1200@60Hz		1* SATAIII
	1* HDMI up to 4096x2304@24Hz		1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII (6Gb/s)	Temperature	Operating 0~60°C with 0.7 m/s air flow
	1* mSATA(full size,shared with Mini-PCIe)		Storage -20~85°C
Expansion Slot	2* Mini PCIe	Dimension	112 * 117mm (4.41" * 4.60")
	(1* full size shared with mSATA, 1* half size)		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU91-2930

Features

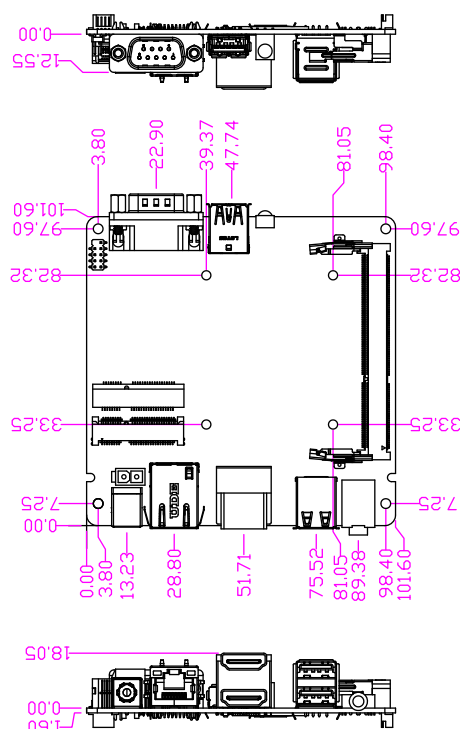


- Support Intel Quad Core N2930 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 2* HDMI
- Supports 1* mSATA and 1* half-size Mini PCIe
- Supports 1* USB3.0, 2* USB2.0, 2* COMs
- NUC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Front I/O Port	1* COM, 1* USB 3.0
Memory	1* DDR3L 1333MHz SODIMM up to 8GB	Rear I/O Port	2* USB 2.0, 2* HDMI
			1* GbE, 1* Line-out
Ethernet	One Intel 82574L GbE		1* DC-in
		Internal I/O Port	1* COM
Graphic	2* HDMI support up to 1920x1200@60Hz		1* CIR
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow
Storage	1* mSATA		Storage -20~85°C
		Dimension	101 * 101mm (3.98" * 3.98")
Expansion Slot	1* Mini PCIe (half size)		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU93-2930

Features

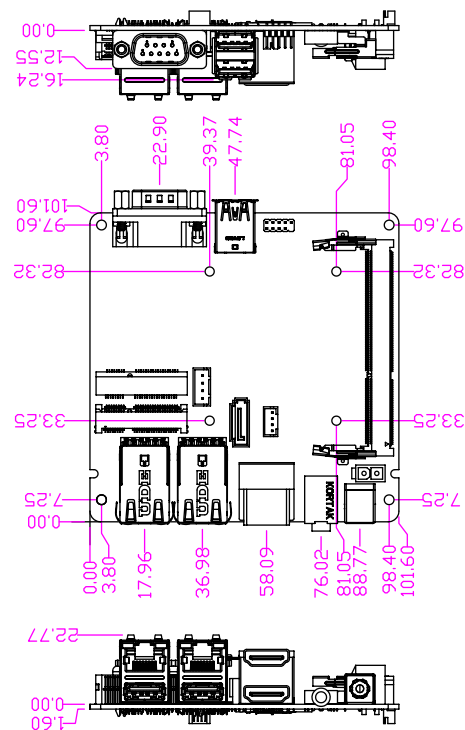


- Support Intel Quad Core N2930 processor
- One 204-pin SO-DIMM up to 8GB DDR3L 1333 MHz SDRAM
- Supports 2* HDMI
- Supports 1* mSATA and 1* half-size Mini PCIe
- Supports 1* USB 3.0, 4* USB 2.0, 1* COMs
- NUC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Front I/O Port	1* USB 3.0, 1* USB 2.0
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* COM(support RS232/422/485)
Ethernet	Dual Intel 82583V GbE	Rear I/O Port	2* USB 2.0, 2* GbE
			2* HDMI, 1* Line-out
Graphic	2* HDMI support up to 1920x1200@60Hz		1* DC-in
		Internal I/O Port	2* USB 2.0
			1* SATAII
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAII, 1* mSATA	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	101 * 101mm (3.98" * 3.98")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU92 Series

Features

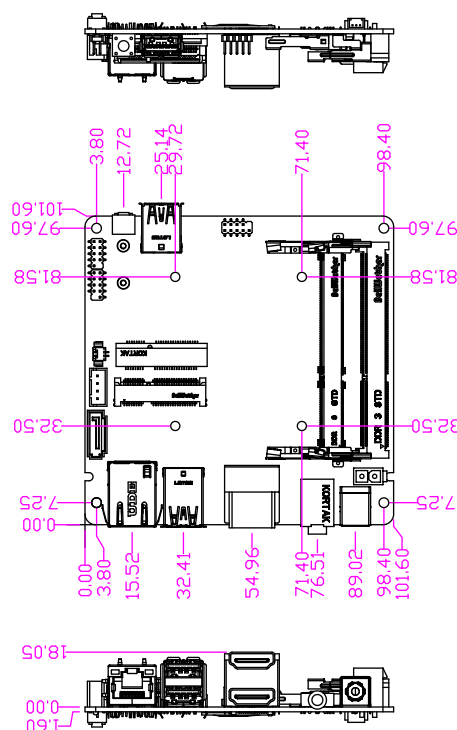


- Support Intel Haswell-U/Broadwell-U processor
- 2* 204-pin SO-DIMM up to 16GB DDR3L 1600 MHz SDRAM
- Supports 2* HDMI
- Supports 1* mSATA and 1* half-size Mini PCIe
- Supports 3* USB3.0, 2* USB2.0, 1* COMs
- NUC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell-U/Broadwell-U processor	Front I/O Port	1* USB 3.0, 1* SW knob
Memory	2* DDR3L 1600MHz SODIMM up to 16GB	Rear I/O Port	2* USB 3.0, 2* HDMI
			1* GbE, 1* Line-out
Ethernet	One Intel i218LM GbE		1* DC-in
		Internal I/O Port	2* USB 2.0
Graphic	2* HDMI support up to 3280x2000@60Hz		1* COM (support RS232/422/485)
			1* SATAIII
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
Storage	1* SATAIII (6Gb/s), 1* mSATA	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	101 * 101mm (3.98" * 3.98")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU591-3160

Features

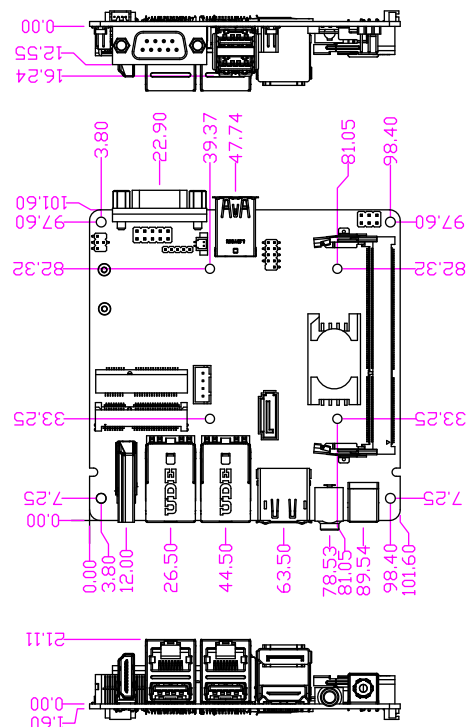


- Support Intel Quad Core N3160 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1600 MHz SDRAM
- Supports 2* HDMI/DP
- Supports 1* Mini PCIe/mSATA and 1* half-size Mini PCIe
- Supports 4* USB 3.0, 2* USB 2.0, 1* COMs
- NUC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Front I/O Port	1* COM(support RS232/422/485)
Memory	1* DDR3L 1600MHz SODIMM up to 8GB		2* USB 3.0
Ethernet	Dual Intel i211AT GbE	Rear I/O Port	2* GbE, 2* USB 3.0
			2* HDMI, 1* DP
Graphic	2* HDMI supports up to 2560x1600@60Hz		1* Line-out
	1* DP support up to 2560x1600@60Hz		1* DC-in
		Internal I/O Port	2* USB 2.0
			1* SATAIII
			1* GPIO
Storage	1* SATAIII (6Gb/s), 1* mSATA (full size, shared)	Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Expansion Slot	2* Mini PCIe (1* full size, 1* half size)	Temperature	Operating 0~60°C with 0.7 m/s air flow
			Storage -20~85°C
		Dimension	101 * 101mm (3.98" * 3.98")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNU691-3455

Features

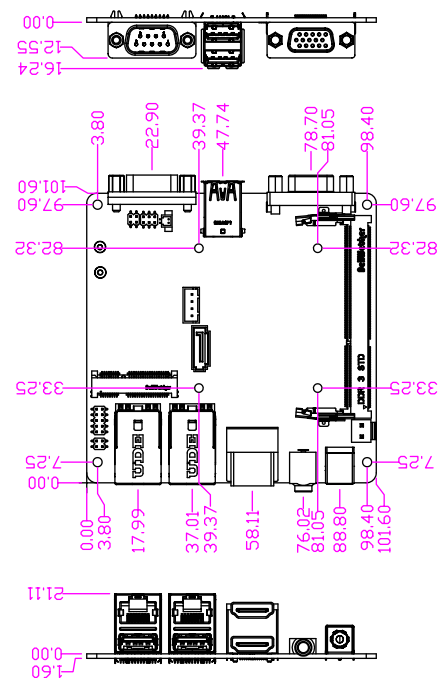


- Support Intel Quad Core J3455 Processor
- 1* 204-pin SO-DIMM Support up to 8GB DDR3L 1866MHz SDRAM
- Support 2 HDMI/VGA
- Support 1* full size mSATA & 1* half size Mini PCIe
- Support 4* USB 3.0, 2* USB 2.0, 1* COM
- NUC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel ApolloLake J3455	Front I/O Port	2* USB 3.0, 1* VGA
Memory	1* DDR3L 1600/1866MHz SODIMM Support up to 8GB	Rear I/O Port	1* COM (RS232/422/485)
Ethernet	2* Realtek RTL8111H GbE		2* USB 3.0, 1* Line out/ MIC Combo
Graphic	2* HDMI1.4b Support up to 3840x2160@30Hz		1* DC-in, 2* HDMI
	1* VGA Support up to 1920x1200@60Hz		2* GbE
		Internal I/O Port	2* USB 2.0, 1* SATAIII
			1* SIM holder
			1* Onboard TPM 2.0
			1* GPIO
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII (6Gb/s), 1* mSATA(full size shared with Mini-Pcie)	Power	12V DC-in
Expansion Slot	2* Mini PCIe (1* full size shared with mSATA, 1* half size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	101 * 101mm (3.98" * 3.98")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNLBT-IE1900

Features

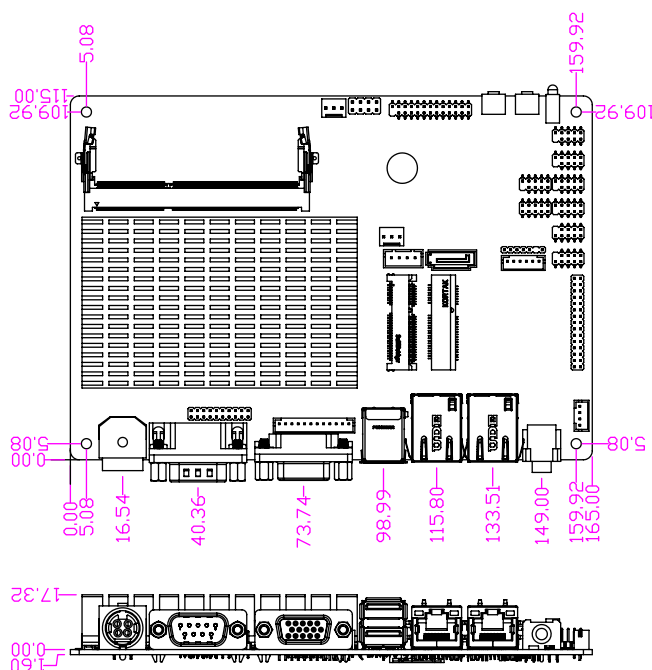


- Support Intel Quad Core J1900 processor
- 1* 204-pin SO-DIMM up to 8GB DDR3L 1333MHz SDRAM
- Supports VGA/HDMI1.4a/LVDS
- Supports 1* half-size Mini PCIe
- Supports 1* USB3.0, 5* USB2.0, 6* COMs
- EPIC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail J1900	Rear I/O Port	1* VGA, 2* GbE
Memory	1* DDR3L 1333MHz SODIMM up to 8GB		1* USB 3.0, 1* USB 2.0
			1* COM, Line-out
Ethernet	Dual Intel i211AT GbE		1* DC-in
		Internal I/O Port	1* HDMI, 1* VGA, 1* LVDS, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		1* SATAII, 1* parallel, 1* PS/2
	1* HDMI1.4a supports up to 1920x1200@60Hz		5* COM (COM2/3 support RS232/422/485)
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* GPIO, 1* SIM holder
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAII, 1* mSATA	Power	9~24V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	165 * 115mm (6.49" * 4.53")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNLBT-IE2930-4G

Features

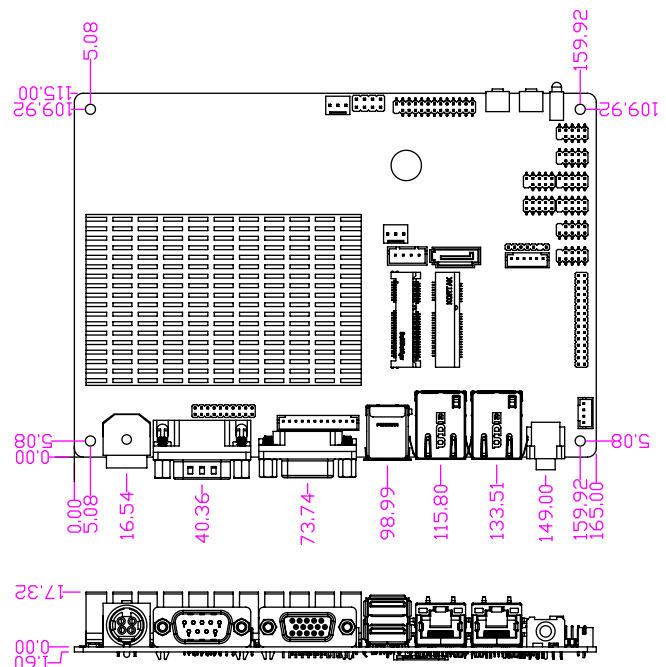


- Support Intel Quad Core N2930 processor
- On-board 4GB DDR3L 1333MHz DRAM
- Supports VGA/HDMI1.4a/LVDS
- Supports 1* half-size Mini PCIe
- Supports 1* USB 3.0, 5* USB 2.0, 6* COMs
- EPIC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* VGA, 2* GbE
Memory	On-board 4GB DDR3L 1333MHz DRAM		1* USB 3.0, 1* USB 2.0
			1* COM, Line-out
Ethernet	Dual Intel i211AT GbE		1* DC-in
		Internal I/O Port	1* HDMI, 1* VGA, 1* LVDS, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		1* SATAII, 1* parallel, 1* PS/2
	1* HDMI1.4a supports up to 1920x1200@60Hz		5* COM (COM2/3 support RS232/422/485)
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* GPIO, 1* SIM holder
		Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAII, 1* mSATA	Power	9~24V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	165 * 115mm (6.49" * 4.53")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC55-E2930-4G

Features

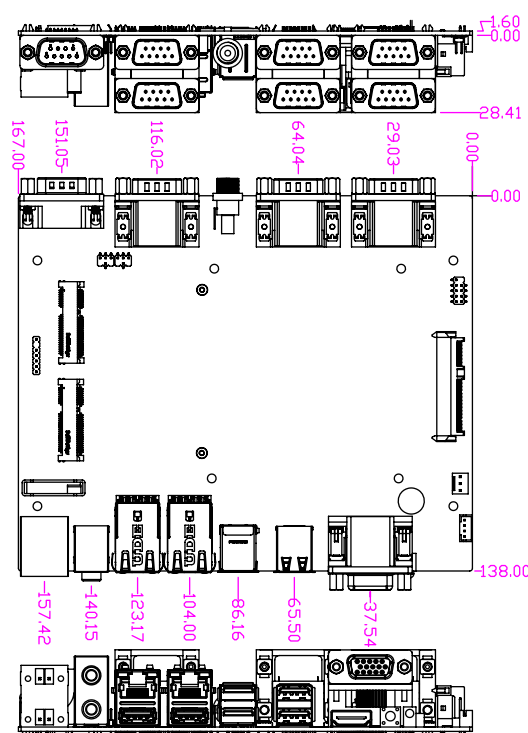


- Support Intel BayTrail--M N2930 processor
- On-board 4GB DDR3L 1333MHz DRAM
- Supports VGA/HDMI
- Supports 1* Mini PCIe, 1* mSATA
- Supports 1* USB 3.0, 7* USB 2.0, 6* COMs
- EPIC Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel BayTrail-M N2930	Front I/O Port	1* VGA, 1* HDMI, 1* USB3.0, 5* USB2.0,
Memory	On-board 4GB DDR3L 1333MHz DRAM		2* GbE, 1* Line-out, 1* MIC,
			1*3W speaker interface
Ethernet	Dual Intel i211AT GbE	Rear I/O Port	6* COM, 1* GPIO, 1* DC-in
Graphic	1* VGA supports up to 1920x1200@60Hz	Internal I/O Port	1* PS/2, 2* USB2.0
	1* HDMI supports up to 1920x1200@60Hz		
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	9~24V DC-in
		Temperature	Operating 0~60°C with 0.7 m/s air flow
Storage	1* SATAII, 1* mSATA		Storage -20~85°C
		Dimension	138 * 167mm (5.4" * 6.5")
Expansion Slot	1* Mini PCIe, 1* SIM holder		

*The Specification may be changed without further notice.
www.jetwayipc.com

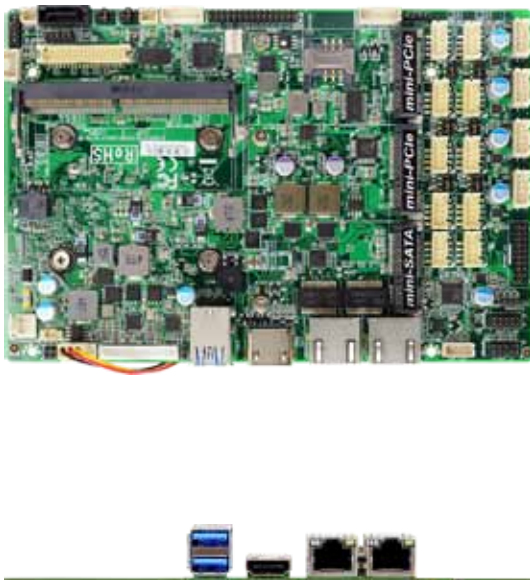
JNC7B-E7200

Features

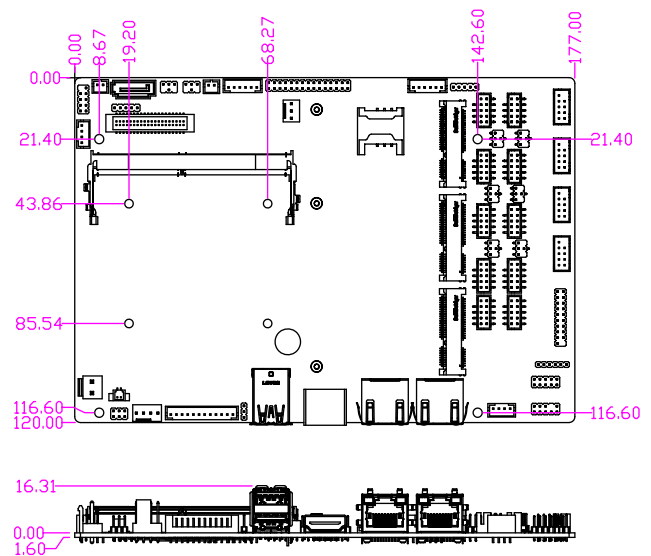


- Support Intel Skylake i5-7200U processor
- 1* SO-DIMM up to 16GB DDR4 2133MHz SDRAM
- Supports VGA/LVDS/eDP
- Supports 2* full size Mini PCIe and 1* mSATA
- Supports 4* USB3.0, 8* USB2.0, 10* COM
- 5.25" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake i5-7200U	Rear I/O Port	2* GbE
Memory	1* DDR4 2133MHz SO-DIMM up to 16GB		2* USB 3.0
			1* DC-in
Ethernet	One Intel i211AT & One Intel i219LM GbE	Internal I/O Port	1* VGA, 1* LVDS, 1*eDP
Graphic	1* VGA supports up to 1920x1200@60Hz		2* USB3.0, 8* USB2.0, 10* COM
	1* 24 bits Dual CH LVDS supports up to 1920x1200@60Hz		1* SATAIII, 1* PS/2
	1* eDP support up to 4096x2304@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	1* SATAIII (6Gb/s), 1* mSATA	Power	12~24V DC-in
Expansion Slot	2* full-size Mini PCIe	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	120 * 177mm (4.72" * 6.97")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNF711-2807

Features

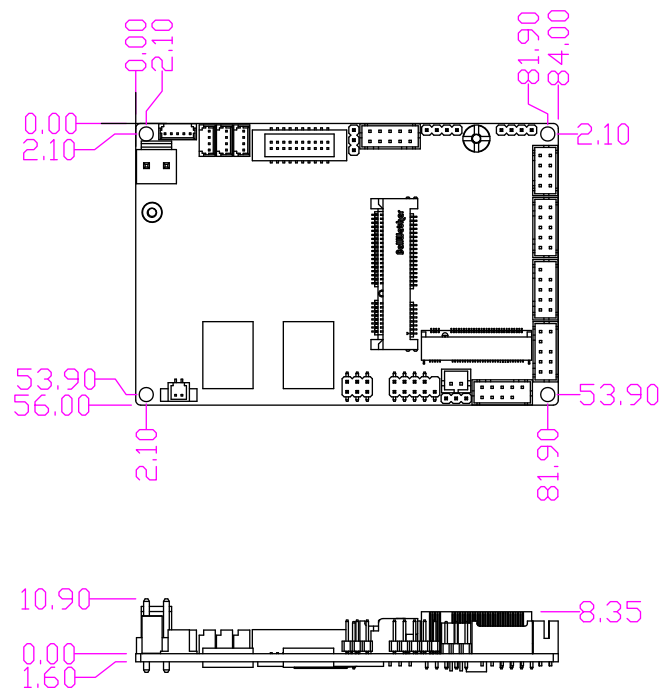


- Support Intel Dual Core N2807 Processor
- Onboard 2GB DDR3L 1333MHz SDRAM
- Support VGA/eDP
- Support 1* M.2 & 1* full size Mini PCIe (shared with mSATA)
- Support 1* USB 3.0, 2* USB 2.0, 2* COM
- 1.8" Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2807	Rear I/O Port	N/A
Memory	Onboard 2GB DDR3L 1333MHz SDRAM		
Ethernet	1* Intel i211AT GbE		
Graphic	1* VGA support up to 1920x1200@60Hz 1* eDP support up to 2560x1600@60Hz	Internal I/O Port	1* VGA, 1* eDP 1* USB 3.0, 2* USB 2.0 1* GbE, 1* GPIO 2* COM (COM1 Support RS232/422/485)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	5V DC-in
Storage	1* M.2 (M key 2242) 1* mSATA (full size, Shared with Mini PCIe)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	84 * 55mm (3.31" * 2.17")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNP93-2930

Features

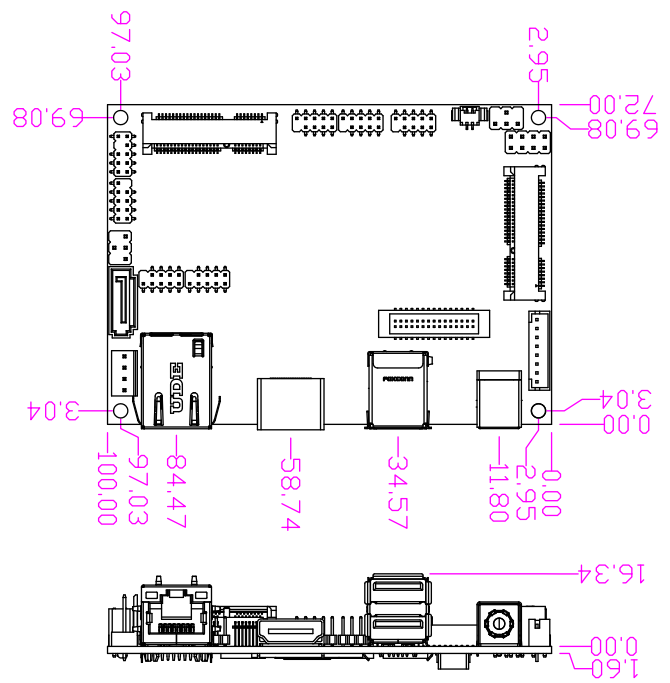


- Support Intel Quad Core N2930 Processor
- Onboard 2GB DDR3L 1333MHz SDRAM
- Support HDMI/LVDS
- Support 1* mSATA & 1* half size Mini PCIe
- Support 1* USB3.0, 7* USB2.0, 2* COM
- PICO Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Bay Trail N2930	Rear I/O Port	1* HDMI, 1* GbE
Memory	Onboard 2GB DDR3L 1333MHz SDRAM		1* USB 3.0
			1* USB 2.0
Ethernet	1* Realtek RTL8111G GbE		1* DC-in
		Internal I/O Port	1* LVDS
Graphic	1* HDMI1.4a support up to 1920x1200@60Hz		6* USB 2.0
	1* 24 bits Dual CH LVDS support up to 1920x1200@60Hz		1* SATAII
			2* COM (COM1 Support RS232/422/485)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAII, 1* mSATA(full size)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (half size)	Dimension	100 * 72mm (3.94" * 2.83")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNP793D2-3160

Features

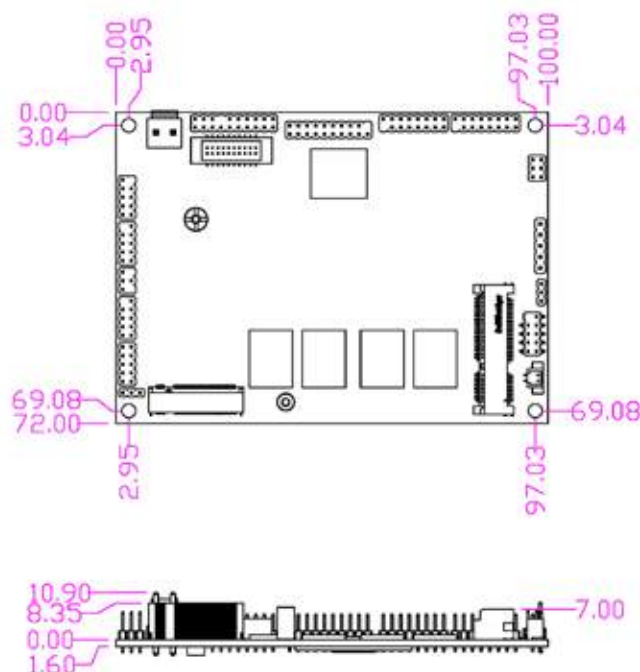


- Support Intel Quad Core N3160 Processor
- Onboard 2GB DDR3L 1600MHz SDRAM
- Support HDMI/eDP
- Support 1* M.2 & 1* full size Mini PCIe
- Support 2* USB 3.0, 2* USB 2.0, 2* COM
- PICO Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Braswell N3160	Rear I/O Port	N/A
Memory	Onboard 2GB DDR3L 1600MHz SDRAM		
Ethernet	2* Intel i211AT GbE		
Graphic	1* HDMI1.4b support up to 3840x2160@30Hz 1* eDP support up to 4096x2304@60Hz	Internal I/O Port	1* HDMI, 1* eDP 2* USB 3.0, 2* USB 2.0 2* GbE, 1* GPIO 2* COM(COM1 support RS232/422/485)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* M.2 (M key 2242), 1* 32GB eMMC	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	100 * 72mm (3.94" * 2.83")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNP691 Series

Features

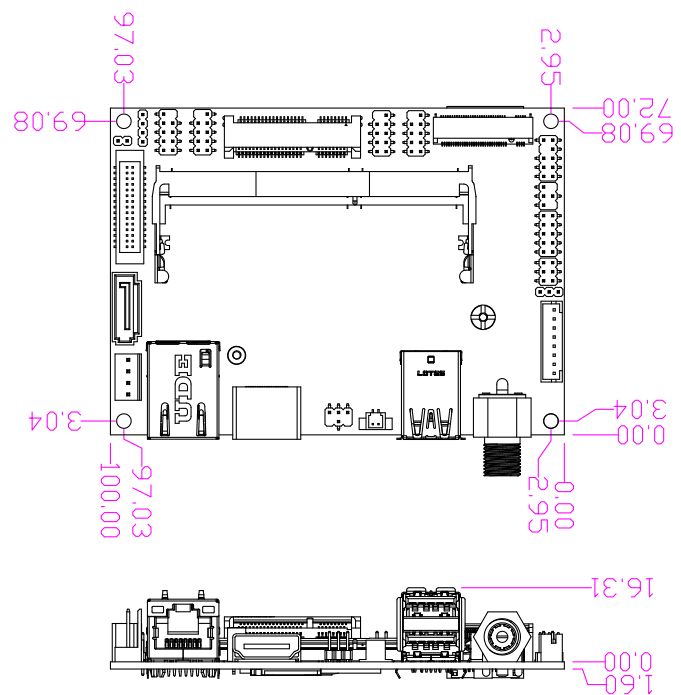


- Support Intel Quad Core & Dual Core N4200/ N3350 Processor
- 1* 204-pin SO-DIMM support up to 8GB DDR3L 1866MHz SDRAM
- Support HDMI1.4b/LVDS
- Support 1* M.2 & 1* full size Mini PCIe
- Support 2* USB 3.0, 2* USB 2.0, 2* COM
- PICO Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel ApolloLake N4200/N3350	Rear I/O Port	1* HDMI, 1* GbE
Memory	1* DDR3L 1600/1866MHz SODIMM support up to 8GB		2* USB 3.0
			1* SIM holder
Ethernet	1* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	1* LVDS, 2* USB 2.0
Graphic	1* HDMI1.4b support up to 3840x2160@30Hz		1* SATAII
	1* 24 bits Dual CH LVDS support up to 1920x1200@60Hz		1* GPIO
			2* COM (COM1 Support RS232/422/485)
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII (6Gb/s), 1* M.2 (M key 2242)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	100 * 72mm (3.94" * 2.83")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNP891-4105

Features

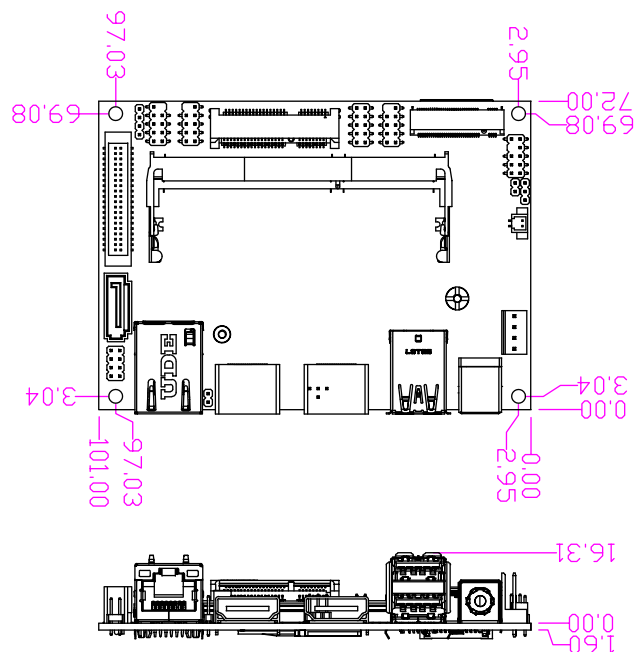


- Support Intel Quad Core J4105 Processor
- 1* SO-DIMM support up to 8GB DDR4 2400MHz SDRAM
- Support HDMI1.4b/eDP
- Support 1* M.2 M-key & 1* full size Mini PCIe
- Support 2* USB 3.0, 2* USB 2.0, 1* COM
- PICO Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Gemini Lake J4105	Rear I/O Port	2* HDMI, 1* GbE
Memory	1* DDR4 2400MHz SODIMM Support up to 8GB		2* USB 3.0
			1* Micro SIM holder
Ethernet	1* Realtek RTL8111H GbE		1* DC-in
		Internal I/O Port	1* eDP, 2* USB 2.0
Graphic	2* HDMI support up to 4096x2160@60Hz		1* SATAIII
	1* eDP support up to 4096x2304@60Hz		1* GPIO
			1* COM
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	12V DC-in
Storage	1* SATAIII (6Gb/s), 1* M.2 (M key 2242)	Temperature	Operating 0~50°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* Mini PCIe (full size)	Dimension	100 * 72mm (3.94" * 2.83")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNMF94RM-Q87

Features

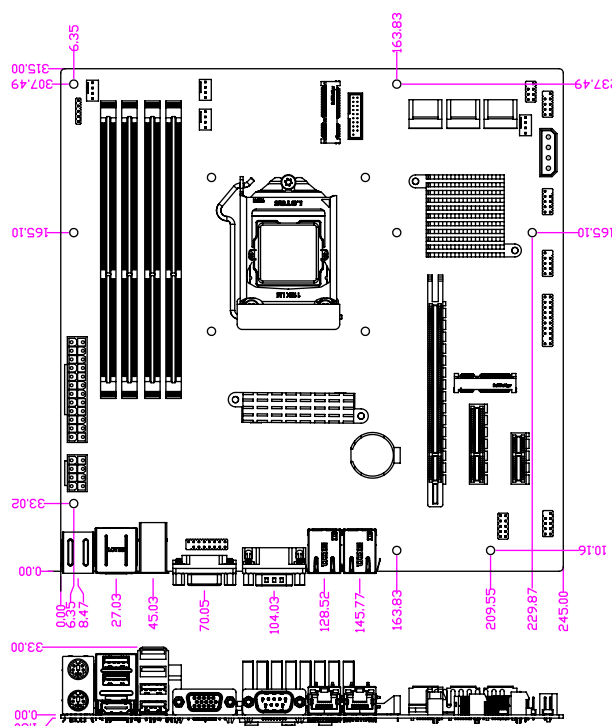


- Support Intel LGA1150 socket processor and Q87 chipset
- Four 240-pin UDIMM up to 32GB DDR3 1600 MHz SDRAM
- Supports HDMI/VGA
- Supports 1* PCIe16, 1* PCIe4, 1* PCIe1, 1* Mini PCIe
- Supports 4* USB 3.0, 8* USB 2.0, 2* COMs
- Micro ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell processor / Q87	Rear I/O Port	1* HDMI, 1* VGA, 2* GbE
Memory	4x DDR3 1600MHz UDIMM up to 32GB		2* USB 3.0, 4* USB 2.0
			1* COM (support RS232/422/485)
Ethernet	One Intel i211AT & One Intel i217LM GbE		2* PS/2 (keyboard & Mouse)
		Internal I/O Port	1* VGA header (shared with VGA port)
Graphic	1* VGA supports up to 1920x1200@60Hz		2* USB 3.0, 4* USB 2.0, 1* COM
	1* HDMI supports up to 2560x1600@60Hz		6* SATAIII, 1* GPIO
			1* TPM header
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	6* SATAIII (6Gb/s), 1* mSATA (shared with SATA6)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe4 1* PCIe1, 1* Mini PCIe (full size)	Dimension	244 * 244mm (10" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNMF95-Q87

Features

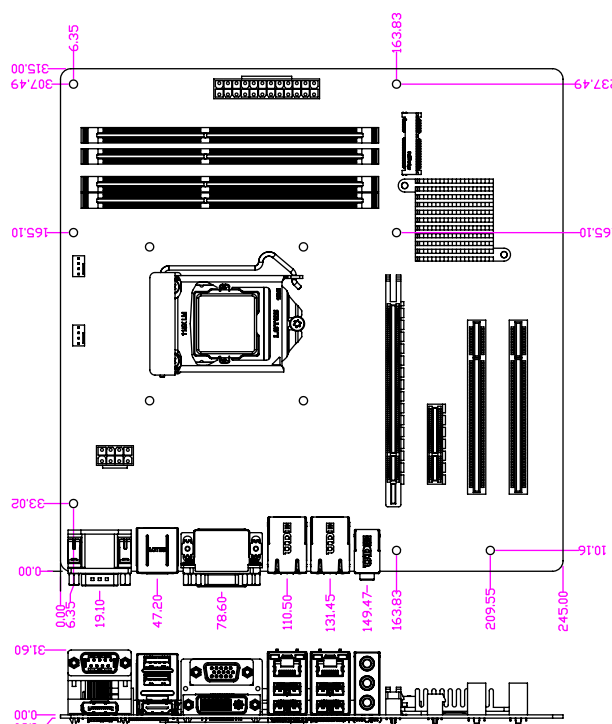


- Support Intel LGA1150 socket processor and Q87 chipset
- Four 240-pin UDIMM up to 32GB DDR3 1600 MHz SDRAM
- Supports DP/HDMI/DVI-D/VGA
- Supports 1* PCIe16, 1* PCIe x4, 12* PCI, 1* Mini PCIe/mSATA
- Supports 4* USB 3.0, 8* USB 2.0, 10* COMs
- Micro ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell processor / Q87	Rear I/O Port	1* DP, 1* HDMI, 1* DVI-D
Memory	4x DDR3 1600MHz UDIMM up to 32GB		1* VGA, 2* GbE, 2* USB 3.0, 4* USB 2.0
			1* COM (support RS232/422/485)
Ethernet	One Intel 82574L & One Intel i217LM GbE		Line-out/Line-in/MIC
		Internal I/O Port	2* USB 3.0, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		9* COM (COM2 support RS232/422/485)
	1* HDMI supports up to 2560x1600@60Hz		5* SATAIII, 1* PS/2, 1* GPIO
	1* DVI-D supports up to 1920x1200@60Hz		1* CIR header, 1* TPM header
	1* DP supports up to 2560x1600@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	5* SATAIII (6Gb/s), 1* mSATA (full-size, shared)	Power	ATX power input
		Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe4, 2* PCI	Dimension	244 * 244mm (10" * 10")
	1* Mini PCIe/mSATA (full size)		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNMF95-H81

Features

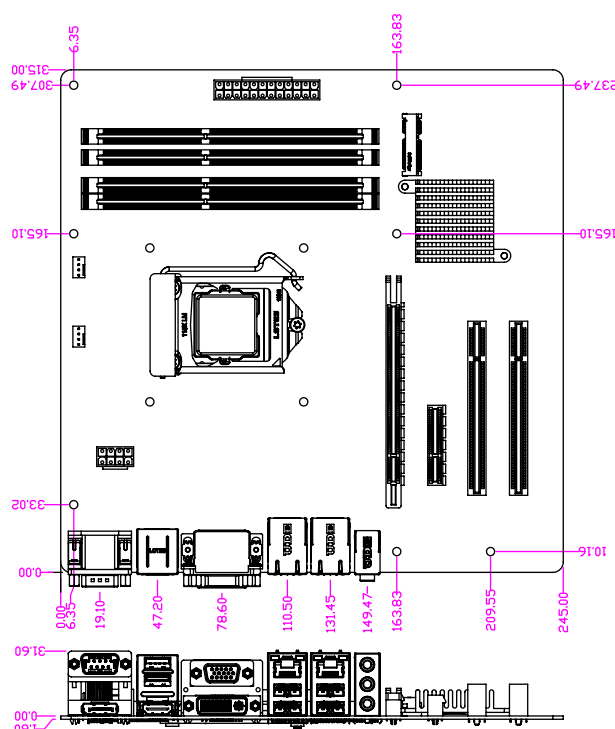


- Support Intel LGA1150 socket processor and H81 chipset
- 2* 240-pin UDIMM up to 16GB DDR3 1600 MHz SDRAM
- Supports DP/HDMI/DVI-D/VGA
- Supports 1* PCIe16, 1* PCIe4, 2* PCI
- Supports 2* USB 3.0, 6* USB 2.0, 10* COMs
- Micro ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell processor / H81	Rear I/O Port	1* DP, 1* HDMI, 1* DVI-D, 1* VGA
Memory	2x DDR3 1600MHz UDIMM up to 16GB		2* GbE, 2* USB 3.0, 4* USB 2.0
			1* COM (support RS232/422/485)
Ethernet	One Intel 82574L & One Intel i217LM GbE		Line-out/Line-in/MIC
		Internal I/O Port	2* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		9* COM (COM2 support RS232/422/485)
	1* HDMI supports up to 2560x1600@60Hz		2* SATAIII, 1* SATAII, 1* PS/2, 1* GPIO
	1* DVI-D supports up to 1920x1200@60Hz		1* CIR header, 1* TPM header
	1* DP supports up to 2560x1600@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
Storage	2* SATAIII (6Gb/s), 1* SATAII, 1* mSATA	Power	ATX power input
Expansion Slot	1* PCIe16, 1* PCIe4, 2* PCI	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
		Dimension	244 * 244mm (10" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNMF691-H110

Features

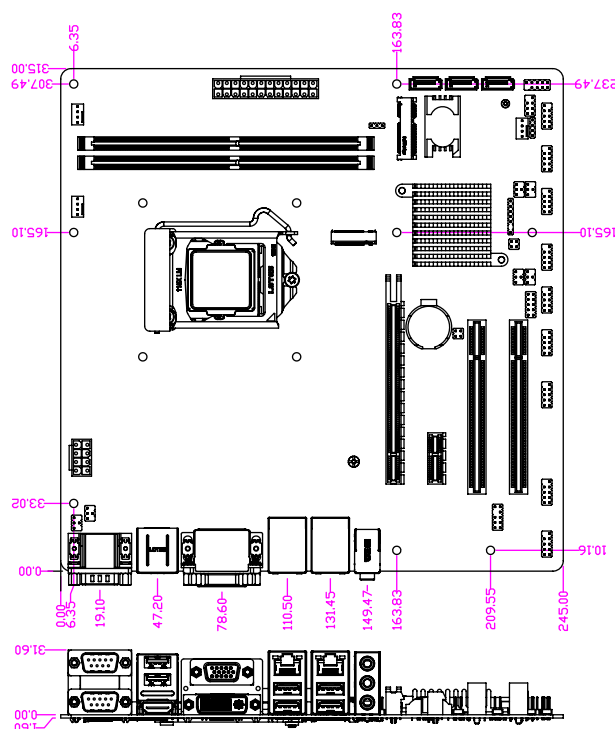


- Support Intel LGA1151 socket processor and H110 chipset
- Two UDIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports HDMI/DVI-D/VGA
- Supports 1* PCIe16, 1* PCIe1, 2* PCI, 1* Mini PCIe
- Supports 4* USB 3.0, 5* USB 2.0, 10* COMs
- Micro ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake/Kabylake processor / H110	Rear I/O Port	1* HDMI, 1* DVI-D, 1* VGA, 2* GbE,
Memory	2x DDR4 2133MHz UDIMM up to 32GB		4* USB 3.0, 2* USB 2.0,
			2* COM (COM1 support RS232/422/485),
Ethernet	Dual Realtek RTL8111G GbE		Line-out/Line-in/MIC
		Internal I/O Port	3* USB 2.0, 8* COM,
Graphic	1* VGA supports up to 1920x1200@60Hz		3* SATAIII, 1* PS/2, 1* GPIO,
	1* HDMI supports up to 4096x2160@24Hz		1* on-board TPM option,
	1* DVI-D supports up to 1920x1200@60Hz		1* SIM card holder
		Watchdog Timer	10 Sec. ~ 255 Min. programmable
		Power	ATX power input
Storage	3* SATAIII (6Gb/s), 1* M.2 (M key 22110)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe1, 2* PCI, 1* Mini PCIe	Dimension	244 * 244mm (10" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNMF891-H310

Features

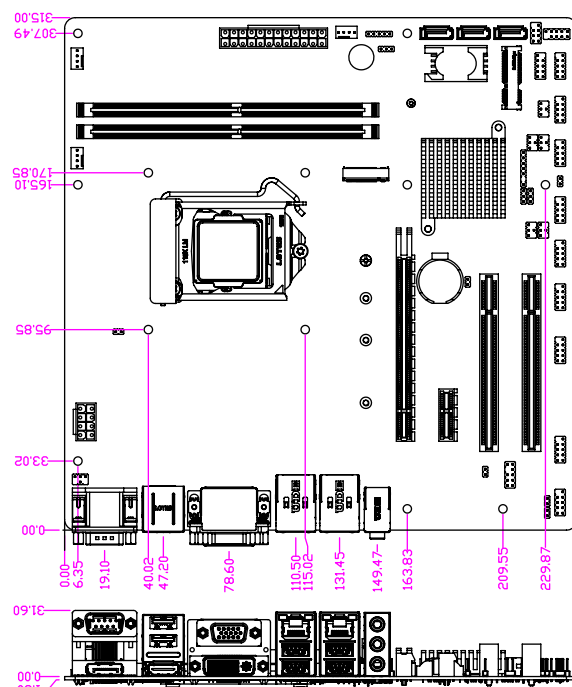


- Support Intel LGA1151 socket processor and H310 chipset
- Two UDIMM up to 32GB DDR4 2666 MHz SDRAM
- Supports HDMI/DVI-D/VGA /DP
- Supports 1* PCIe16, 1* PCIe1, 2* PCI, 1* Mini PCIe, M.2 M-key
- Supports 4* USB 3.1(Gen. 1), 4* USB 2.0, 10* COMs
- Micro ATX Form Factor

Photo



Mechanical Dimension



Specifications

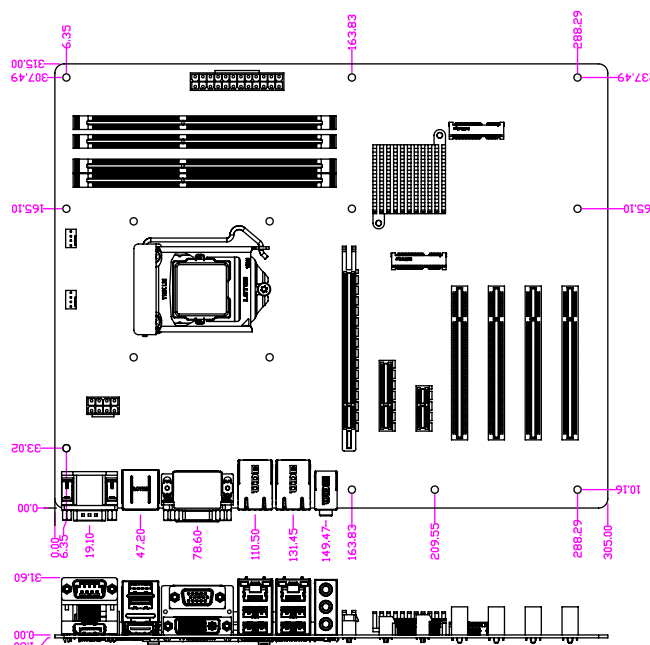
Processor/Chipset	Intel CoffeeLake Processor / H310	Rear I/O Port	1* HDMI, 1* DVI-D, 1* VGA,
Memory	2x DDR4 2666MHz UDIMM up to 32GB		1* DP, 2* GbE, 4* USB 3.1(Gen. 1), 2* USB 2.0,
			1* COM (COM1 support RS232/422/485),
Ethernet	Dual Realtek RTL8111G GbE		Line-out/Line-in/MIC
		Internal I/O Port	2* USB 2.0, 9* COM(COM2 Support
Graphic	1* VGA supports up to 1920x1200@60Hz		RS232/422/485), 3* SATAIII, 1* Mini-PCIe,
	1* HDMI supports up to 4096x2304@24Hz		1* M.2 M-key(2242/2260/2280/22110), 1* PS/2,
	1* DVI-D supports up to 1920x1200@60Hz		1* GPIO, 1* on-board TPM option,
	1* DP supports up to 4096x2304@60Hz		1* SIM card holder
Storage	3* SATAIII (6Gb/s)	Watchdog Timer	10 Sec. ~ 255 Min. programmable
	1* M.2 (M key 2242/2260/2280/22110)	Power	ATX power input
Expansion Slot	1* PCIe16, 1* PCIe1, 2* PCI, 1* Mini PCIe	Temperature	Operating 0~60°C with 0.7 m/s air flow
			Storage -20~85°C
		Dimension	244 * 244mm (10" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

CE FCC EUP RoHS

- Support Intel LGA1150 socket processor and Q87 chipset
- Four 240-pin UDIMM up to 32GB DDR3 1600 MHz SDRAM
- Supports DP/HDMI/DVI-D/VGA
- Supports 1* PCIe16, 1* PCIe4, 1* PCIe1, 4* PCI, 1* Mini PCIe
- Supports 4* USB 3.0, 8* USB 2.0, 10* COMs
- ATX Form Factor

Mechanical Dimension



Processor/Chipset	Intel Haswell processor / Q87	Rear I/O Port	1* DP, 1* HDMI, 1* DVI-D, 1* VGA
Memory	4x DDR3 1600MHz UDIMM up to 32GB		2* GbE, 2* USB 3.0, 4* USB 2.0
			1* COM (support RS232/422/485)
Ethernet	One Intel i217LM & One Intel 82574L GbE		Line-out/Line-in/MIC
		Internal I/O Port	2* USB 3.0, 4* USB 2.0
Graphic	1* VGA supports up to 1920x1200@60Hz		9* COM (COM2 support RS232/422/485)
	1* HDMI supports up to 2560x1600@60Hz		6* SATAIII, 1* PS/2, 1* GPIO
	1* DVI-D supports up to 1920x1200@60Hz		1* CIR header, 1* TPM header
	1* DP supports up to 2560x1600@60Hz	Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	6* SATAIII (6Gb/s), 1* mSATA (shared with SATA6 and Mini-PCle)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe4, 1* PCIe1, 4* PCI, 1* Mini PCIe	Dimension	305 * 244mm (12" * 10")

P.100

JNC7I-AH81

Features

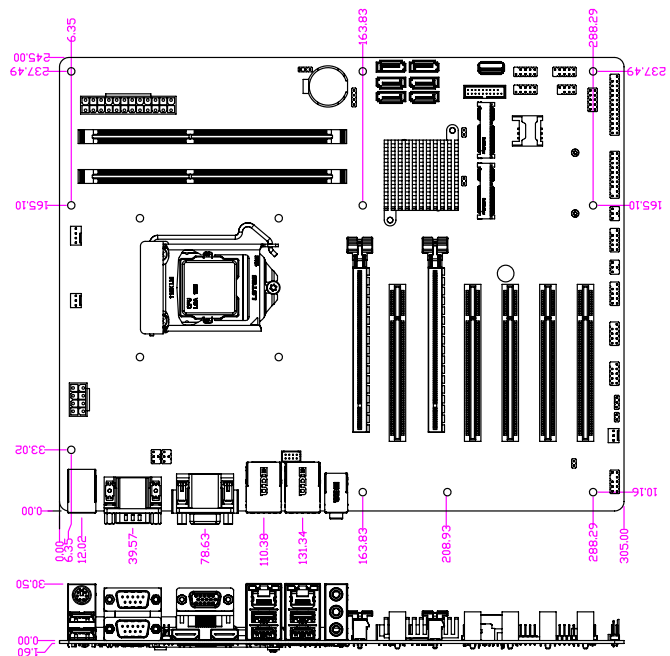


- Support Intel LGA1150 socket processor and H81 chipset
- 2* 240-pin UDIMM up to 16GB DDR3L 1600MHz SDRAM
- Supports 2 HDMI/VGA
- Supports 1* PCIe16, 1* PCIe1, 5* PCI, 1* Mini PCIe
- Supports 4* USB3.0, 7* USB2.0, 6* COMs
- ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Haswell processor / H81	Rear I/O Port	2* HDMI, 1* VGA, 2* GbE, 4* USB 3.0
Memory	2x DDR3L 1600MHz UDIMM up to 16GB		2* USB 2.0, 1* PS/2
			2* COM (support RS232/422/485)
Ethernet	Dual Realtek RTL8111G GbE		Line-out/Line-in/MIC
		Internal I/O Port	5* USB2.0, 2* SATAIII, 2* SATAII
Graphic	1* VGA supports up to 1920x1200@60Hz		1* GPIO, 1* Parallel header
	2* HDMI supports up to 2560x1600@60Hz		4* COM (COM3/4 support 5V/12V)
			1* TPM header
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	2* SATAIII (6Gb/s), 2* SATAII (3Gb/s)	Temperature	Operating 0~60°C with 0.7 m/s air flow
	1* mSATA (shared with SATA4)		Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe1	Dimension	305 * 244mm (12" * 10")
	5* PCI 1* Mini PCIe (full size)		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNAF591-Q170

Features

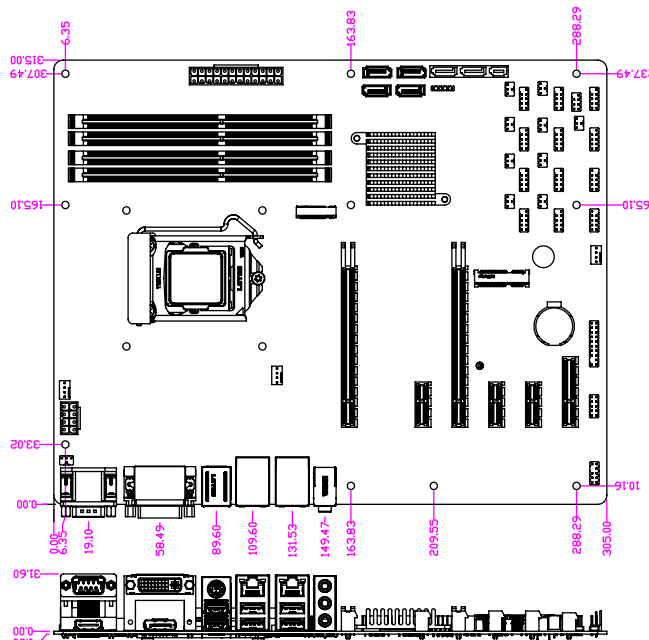


- Support Intel LGA1151 socket processor and Q170 chipset
- Four 288-pin UDIMM up to 64GB DDR4 2133 MHz SDRAM
- Supports DP/HDMI/DVI-D
- Supports 1* PCIe16, 1* PCIe8, 1* PCIe4, 3* PCIe1, 1* Mini PCIe
- Supports 6* USB 3.0, 4* USB 2.0, 10* COMs
- ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake/Kabylake processor / Q170	Rear I/O Port	1* DP, 1* HDMI, 1* DVI-D
Memory	4x DDR4 2133MHz UDIMM up to 64GB		2* GbE, 6* USB 3.0
			1* COM (support RS232/422/485)
Ethernet	One Intel i211AT & One Intel i219LM GbE		1* PS/2, Line-out/Line-in/MIC
		Internal I/O Port	4* USB 2.0
Graphic	1* HDMI supports up to 4096x2160@24Hz		9* COM (COM2 support RS232/422/485)
	1* DVI-D supports up to 1920x1200@60Hz		4* SATAIII, 1* GPIO
	1* DP supports up to 3840x2160@60Hz		1* TPM header
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	4* SATAIII (6Gb/s)	Temperature	Operating 0~60°C with 0.7 m/s air flow
	1* M.2 (M key 22110)		Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe8 (share with PCIe16)	Dimension	305 * 244mm (12" * 10")
	1* PCIe4, 3* PCIe1, 1* Mini PCIe		

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC7L-AH110

Features

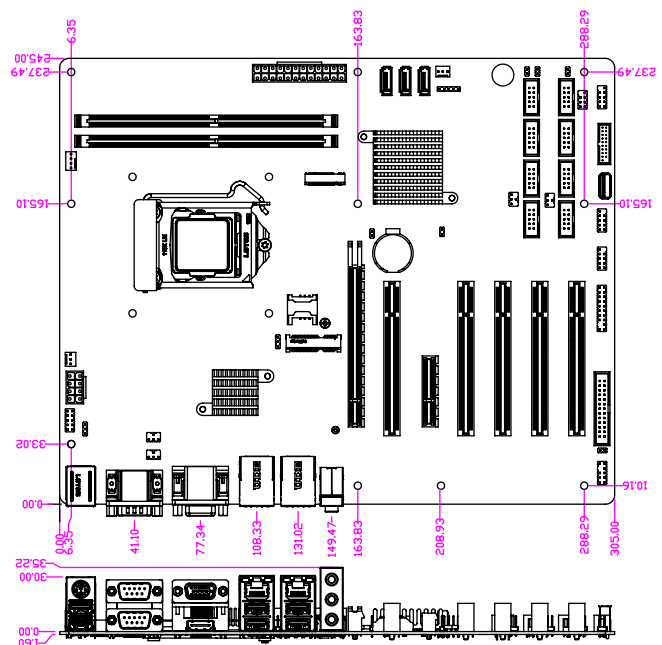


- Support Intel LGA1151 socket processor and H110 chipset
- 2* 288-pin UDIMM up to 32GB DDR4 2133MHz SDRAM
- Supports VGA/HDMI
- Supports 1* PCIe16, 1* PCIe4, 5* PCI, 1* Mini PCIe
- Supports 8* USB 3.0, 5* USB 2.0, 10* COM
- ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake/Kabylake processor / H110	Rear I/O Port	1* VGA, 1* HDMI, 1* PS/2,
Memory	2* DDR4 2133MHz UDIMM up to 32GB		2* GbE, 6* USB 3.0,
			1* Line-out, 1* Line-in, 1* MIC,
Ethernet	One Intel i211AT & One Intel i219LM GbE		2* COM (support RS232/422/485)
		Internal I/O Port	2* USB 3.0, 5* USB 2.0
Graphic	1* HDMI supports up to 4096x2160@24Hz		1* Parallel, 3* SATAIII, 1* GPIO
	1* VGA supports up to 1920x1200@60Hz		8* COM (COM3/4 support 5V/12V TTL)
			1* TPM header
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	3* SATAIII (6Gb/s), 1* M.2 (M key 2242/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe4, 5* PCI, 1* Mini PCIe (full size)	Dimension	305 * 244mm (12" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNC7L-AH110-6C

Features

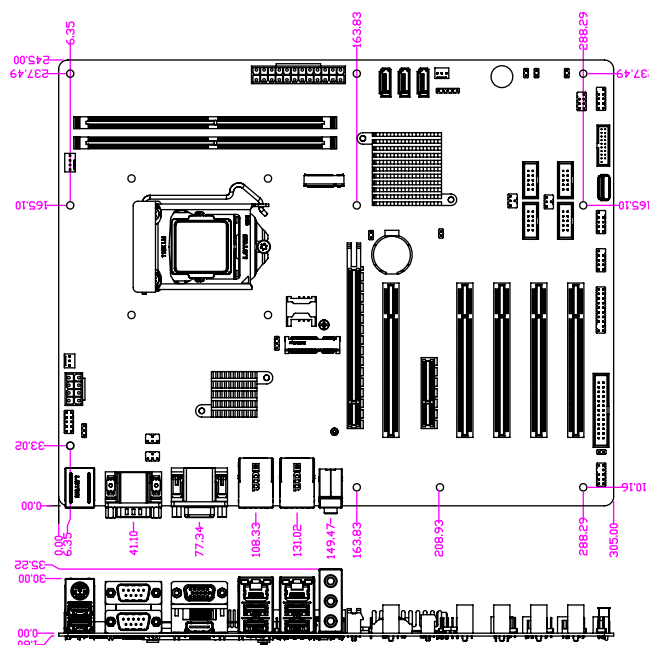


- Support Intel LGA1151 socket processor and H110 chipset
- 2* 288-pin UDIMM up to 32GB DDR4 2133MHz SDRAM
- Supports VGA/HDMI
- Supports 1* PCIe16, 1* PCIe4, 5* PCI, 1* Mini PCIe
- Supports 8* USB3.0, 5* USB2.0, 6* COM
- ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Skylake/Kabylake processor / H110	Rear I/O Port	1* VGA, 1* HDMI, 1* PS/2
Memory	2* DDR4 2133MHz UDIMM up to 32GB		2* GbE, 6* USB3.0
			1* Line-out, 1* Line-in, 1* MIC
Ethernet	One Intel i211AT & One Intel i219LM GbE		2* COM (support RS232/422/485)
		Internal I/O Port	2* USB3.0, 5* USB2.0, 1* Parallel
Graphic	1* HDMI supports up to 4096x2160@24Hz		1* Line-in, 3* SATAIII, 1* GPIO
	1* VGA supports up to 1920x1200@60Hz		4* COM (COM3/4 support 5V/12V TTL)
			1* TPM header
		Watchdog Timer	0~255 Sec./Min. programmable
		Power	ATX power input
Storage	3* SATAIII (6Gb/s), 1* M.2 (M key 2242/2280)	Temperature	Operating 0~60°C with 0.7 m/s air flow Storage -20~85°C
Expansion Slot	1* PCIe16, 1* PCIe4, 5* PCI, 1* Mini PCIe (full size)	Dimension	305 * 244mm (12" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JNAF791-Q370/C246

Features

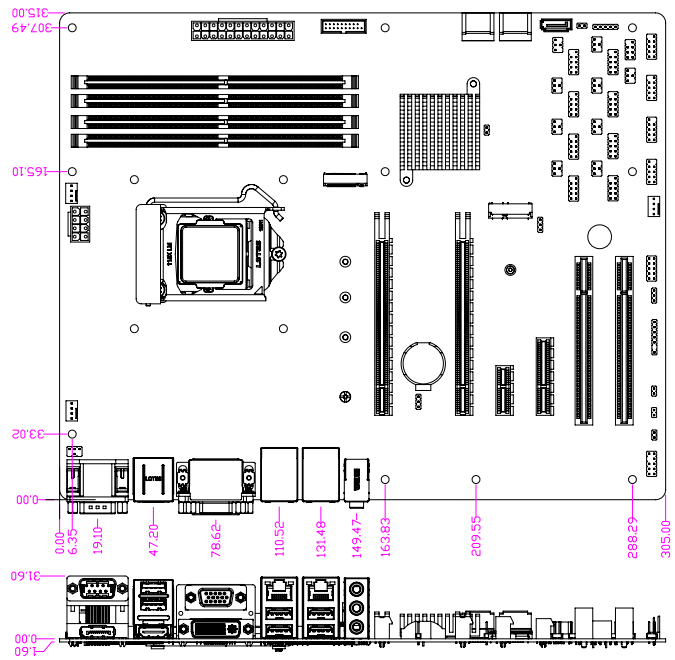


- Support Intel Core i7/i5/i3/ Pentium / Celeron Processor(LGA) with Intel Q370/C246 Chipset
- 4* 288-pin UDIMM support up to 64GB DDR4 2400/2666MHz SDRAM (ECC only C246)
- Support HDMI/DP/VGA/DVI-D
- Support 2* PClex16, 1* PCIe x4, 1* PCIe x1
- 2* PCI, 1* M.2 E-key, 1* M.2 M-key
- Support 4* USB 3.1(Gen. 2), 4* USB 3.1(Gen. 1), 4* USB 2.0
- ATX Form Factor

Photo



Mechanical Dimension



Specifications

Processor/Chipset	Intel Coffee lake Processor/ Q370/C246	Rear I/O Port	1* VGA, 1* DP, 1* HDMI, 1* DVI-D, 2* GbE
Memory	4x DDR4 2400/2666MHz UDIMM support up to 64GB (ECC only C246)		4* USB 3.1(Gen. 2), 2* USB 3.1(Gen. 1)
Ethernet	Q370: 1* Intel i211AT & 1* Intel i219LM GbE		1* COM (Support RS232/422/485)
	C246: 1* Intel i210AT & 1* Intel i219LM GbE"		Line-out/IN/MIC
Graphic	1* HDMI support up to 4096x2160@24Hz	Internal I/O Port	2* USB 3.1(Gen. 1), 4* USB 2.0
	1* VGA support up to 1920x1200@60Hz		5* SATAIII, 1* GPIO, 1* PS/2
	1* DVI-D support up to 1920x1200@60Hz		9* COM (COM2 Support RS232/422/485)
	1* DP support up to 4096x2304@60Hz		1* Onboard TPM (option)
Storage	5* SATAIII (6Gb/s) support RAID 0,1,5,10	Watchdog Timer	0~255 Sec./Min. programmable
	M.2 (M-Key 2242/2260/2280/22110)	Power	ATX power input
Expansion Slot	2* PCI, 1* PCIe x1, 1* PCIe x 4, 2* PCIe x 16 slot	Temperature	Operating 0~60°C with 0.7 m/s air flow
			Storage -20~85°C
		Dimension	305 * 244mm (12" * 10")

*The Specification may be changed without further notice.
www.jetwayipc.com

JADE4INLANG

Size	75 x 82mm
Chipset	Intel 82574L GbE
Features	• Full wake up support (APM and acpi2.0) • Flow control support compliant with the 802.3X specification
Interface	Jetway defined PCIe extend daughter card
Connectors	4x RJ45
Accessories	N/A
Suitable M/B	NF9G-QM77, NF9N-2930

JADE4COMCB

Size	75 x 82mm
Chipset	FINTEK F81216
Features	• Four high speed 16C550 compatible UART with 16-byte FIFOs • Fully programmable serial-interface characteristics • Band rate up to 115.2K • All of RS232s support powered function (pin9) • Support powered RS232 selectable
Interface	Jetway defined PCIe extend daughter card
Connectors	2x DB9 + 2x 9-pin header
Accessories	2x COM cable
Suitable M/B	NF9G-QM77, NF9N-2930

JADMPEIDLB

Size	30 x 50.95mm
Chipset	Intel i350 GbE
Features	• Compliant with the 1Gb/s IEEE802.3, 802.3u, 802.3ab • Support full duplex operation at 10/100/1000 Mb/s • Support Half duplex at 10/100 Mb/s • Support Wake on LAN function (Mini PCI-E slot provides + 3VSB power supported) • Support PCIe GEN1(2.5GT/s), GEN2(5GT/s) • Support 2* GbE
Interface	Mini PCIe
Connectors	2x 9-pin header
Accessories	2x 25cm 16P to 16P cable, 1x Two GbE bracket

JADMPEISLA

Size	30 x 50.95mm
Chipset	Intel 82574L GbE
Features	• Compliant with the 1Gb/s IEEE802.3, 802.3u, 802.3ab • Support full duplex operation at 10/100/1000 Mb/s • Support Half duplex at 10/100 Mb/s • Support Wake on LAN function (Mini PCI-E slot provides + 3VSB power supported) • Support PCIe GEN1(2.5GT/s) • Support 1* GbE
Interface	Mini PCIe
Connectors	1x 15-pin header
Accessories	1x 25cm 16P to 16P cable, 1x One GbE bracket

JADMPEISLB

Size	30 x 50.95mm
Chipset	Intel I210-AT GbE LAN
Features	- Compliant with the 1Gb/s IEEE802.3,802.3u,802.3ab specifications - Support Full duplex operation at 10/100/1000 Mb/s - Support Half duplex at 10/100 Mb/s - Wake on LAN function (Mini PCI-E slot provides + 3VSB power supported) - Support 1* GIGA LAN
Interface	Mini PCIe
Connectors	1x 15-pin header
Accessories	1x 25cm 16P to 16P cable, 1x One GbE bracket

JADMPEASU3A

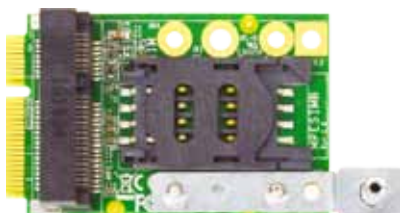
Size	30 x 50.95mm
Chipset	AsMedia ASM1042 USB host controller
Features	- Compliant with USB 3.0 specification revision 1.0 - Compliant with USB specification revision 2.0
Interface	Mini PCIe
Connectors	1x 19-pin header
Accessories	1x 25cm USB 3.0 cable W / Bracket

JADMPETPMB

Size	30 x 50.95mm
Chipset	Nuvoton NPCT620AA0W TPM V1.3
Features	- Comply with TPM v1.2 standard - Support PC standby mode
Interface	Mini PCIe
Connectors	Mini PCIe slot
Accessories	N/A

JADMPETPMB2

Size	30 x 50.95mm
Chipset	Nuvoton NPCT650AAAAX TPM V2.0
Features	- Comply with TPM v2.0 standard - Support PC standby mode
Interface	Mini PCIe
Connectors	Mini PCIe slot
Accessories	N/A

JADMPESIMB

Size	30 x 50.95mm
Chipset	N/A
Features	• Mini PCIe Type SIM card • Standard full size Mini PCI-E card can be installed above the ADMPESIMB card
Interface	Mini PCIe
Connectors	Mini PCIe slot
Accessories	Full size Mini PCI-E iron sheet which can be installed in the left or right side

JADMPEFT4CA

Size	30 x 50.95mm
Chipset	Fintek serial port controller
Features	• Support 2* RS232 ports & 2* RS232/RS-422/RS-485 port • Asynchronous baud rates up to 1.5Mbps
Interface	Mini PCIe
Connectors	4x 9-pin header
Accessories	2x 25cm COM cables W / Bracket

JETC4G

Size	170 x 81.9mm
Chipset	Intel i211AT GbE
Features	• 4* Intel GbE • Support Wake on LAN S1/S3/S4/S5 mode
Interface	PCIe x4, 2.0 (5GT/s) rate
Connectors	4x RJ45
Accessories	N/A
	NF592-Q170, NF697-Q170, NF793-Q170

JETC4B

Size	170 x 91.8mm
Chipset	Intel i211AT GbE
Features	• 4* Intel GbE • LAN1/LAN2 & LAN3/LAN4 supports 2 pairs of Bypass LAN function • Support Wake on LAN S1/S3/S4/S5 mode
Interface	PCIe x4, 2.0 (5GT/s) rate
Connectors	4x RJ45
Accessories	N/A
	NF592-Q170, NF697-Q170, NF793-Q170

JETB4G

Size	170 x 91.8mm
Chipset	Intel i211AT GbE Pericom PI7C9X2G608GP Gen. 2 switch
Features	4* Intel GbE - Support Wake on LAN S1/S3/S4/S5 mode
Interface	PCIe x1, 2.0 (5GT/s) rate
Connectors	4x RJ45
Accessories	N/A
	NF592-Q170, NF9HG-2930, NF9HB-2930

JETB4B

Size	170 x 91.8mm
Chipset	Intel i211AT GbE Pericom PI7C9X2G608GP Gen. 2 switch
Features	4* Intel GbE - LAN1/LAN2 & LAN3/LAN4 supports 2 pairs of Bypass LAN function - Support Wake on LAN S1/S3/S4/S5 mode
Interface	PCIe x1, 2.0 (5GT/s) rate
Connectors	4x RJ45
Accessories	N/A
	NF592-Q170, NF9HG-2930, NF9HB-2930

JADMPEGIO16

Size	30.0 x 26.8mm
Chipset	FINTEK F75114N
Features	- Mini-PCIe half size USB GPIO Interface - Support 16-bits GPIO
Interface	Mini PCIe (USB signal)
Connectors	Mini PCIe slot (half size)
Accessories	N/A



JETWAY INFORMATION CO., LTD.

Netherlands
Warehouse

California, USA
Branch Office

Dongguan, China
Branch Office

Fujian, China
Factory / Office

Taipei, Taiwan
Headquarter

Hong Kong
Warehouse

Taiwan (Taipei)

9F., No. 207, Sec. 3, Beixin Rd.,
Xindian Dist., New Taipei City, 23143,
Taiwan (R.O.C)
Tel: +886-2-89132711
Fax: +886-2-89132722

China (Dongguan)

No. 605, 8th Commercial Office Building,
Vanke Center, Changqing South Road,
Changan, Dongguan City, 523850, China
Tel: +86-769-2101-8010
Mobile : +86-138-2880-2876

Factory (Fujian)

North Industrial Park, Changshan Economic
Development Zone, Yunxiao County,
Zhangzhou, Fujian Province 363307, China
Tel: +86-596-8625168

All brand names and products are registered trademarks of their respective companies.



Z-A108-F

