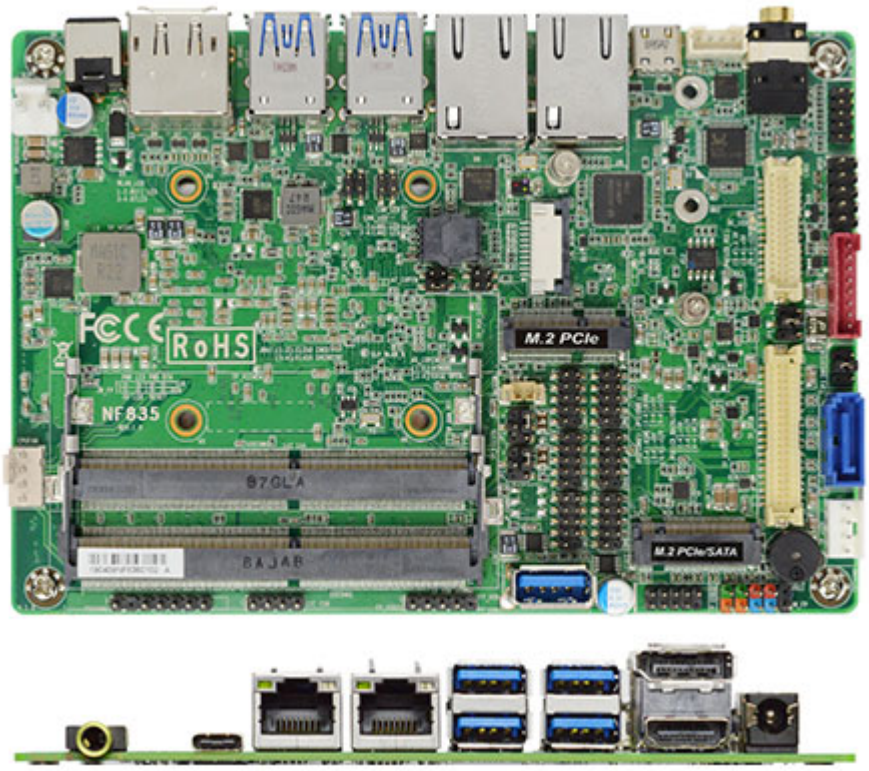

319.00 EUR
incl. 19% VAT, plus shipping

- JNF835-5205U

The JETWAY JNF835 is 3.5” form factor board adopts the Intel® Whiskey Lake-U5205 Processor. The board supports two SO-DIMM DDR4 2400Mhz memory, up to 32GB. Featuring the integrated Intel® Gigabit Ethernet controller, the JNF835 offers two 10/100/1000Base-TX Ethernet devices for network transmission. One SATAIII (6Gb/s) interface and one M.2 M-key offer storage devices. One four USB3.1 Gen.2 ports, two USB3.1 Gen.2 ports for Type C and Internal Vertical connector, three USB2.0 ports and six COM ports provide versatile expansion. The M.2 E-key can support WIFI/3G/4G and Intel CNVi interface. The JNF835 offers one HDMI1.4 port, one DP1.4 port, one eDP port and one 24-bits Dual CH LVDS which can support 3 independent displays. Because of the above features, JNF835 is suitable for Digital Signage, Industrial PCs, Factory Automation, IOT Solution applications.

- Intel® Comet Lake 5205U Processor (TDP 15W)
- 2* DDR4 2400MHz SO-DIMM up to 32 GB
- 2* 10/100/1000 Base-TX Ethernet Ports
- 1* HDMI, 1* DP, 1* eDP, 1 * 24-bits Dual CH LVDS
- 6* COM (COM1 support RS232/422/485), 4* USB3.1 Gen.2, 2* USB3.1 Gen.2 (Type C & Vertical type) & 3* USB2.0
- 1* M.2 M-key (2242/2260/2280)support NVMe, 1* M.2 E-key (2230 w/ CNVi)
- 1* SATA III (6Gb/s)
- Support onboard TPM 2.0 (option)

Model / Part Number	
Model	– JNF835-5205U
Part Number	– JNF835-5205U
Form Factor	
Dimensions	– 3.5” (5.8-in * 4.0-in, 148 * 102mm)
Processor System	
CPU	– Intel® Whiskey Lake-U i5-8365UE SoC Processor
Core Number	– 4
Max Speed	– 4.10GHz
Cache	– 6MB
Chipset	– SoC

BIOS	– AMI Flash ROM
Expansion Slot	
M.2	– 1* M.2 M-key (2242/2260/2280) Support PCIex4(NVMe) & SATA interface – 1* M.2 E-key (2230) Support CNVi
Memory	
Technology	– Dual CH DDR4 2400MHz SDRAM
Max.	– 32GB
Socket	– 2 * SO-DIMM
Graphics	
Controller	– Intel® HD Graphics
VRAM	– Shared Memory
eDP	– 1 (Max Resolution: 4096×2304@60Hz)
LVDS	– 1 (Max Resolution: 1920×1200@60Hz)
HDMI 1.4	– 1 (Max Resolution: 4096×2160@30Hz)
DisplayPort	– 1 (Max Resolution: 4096×2304@60Hz)
Multi Display	– Triple Displays
Ethernet	
Ethernet	– 10/100/1000 Mbps
Controller	– PCIe GbE: 1* i219LM, 1* i211AT
Connector	– 2 * RJ45
Audio	
CODEC	– HD Audio: Realtek ALC662VD
Channel	– 6 Channel
SATA	
SATA	– 1 * SATAIII
Rear I/O	
HDMI	– 1
DisplayPort	– 1
Ethernet	– 2
USB	– 4* USB3.1(Gen2), 1* USB3.1(Gen2) Type C
Audio	– 1 (Line-out)
DC-input	– 1 (9-24V)
Internal Connector	
USB	– 1* USB3.1 (Gen2) Vertical conn, 3* USB 2.0
PS/2	– 1
LVDS / inverter	– 1 (selection w/eDP)
eDP	– 1 (selection w/LVDS)
Serial	– 1* RS232/422/485, 5* RS232
SATA	– 1 * SATAIII
GPIO	– 1 (8 bit)
Chassis intrusion	– 1
Audio Header	– 1
SMBUS	– 1
AT mode	– 1
Others	– Support onboard TPM2.0(option)

Watchdog Timer	
Output	– From Super I/O to drag RESETCON#
Interval	– 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	– 9~24V DC-in
Power On	AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	– CE, FCC, LVD, RoHS, REACH
Environment	
Temperature	– Operating: 0°C ~ 60°C
	– Storage: -20°C ~ 85°C
	– eMMC: 0°C ~ 70°C
Warranty	
Warranty	– 2 Years Limited Warranty