

## ION ITX

## N-SERIES

## SKU: ION ITX-N-E



Experience fluid and vivid high-definition video playback with the ultra-compact ZOTAC ION™ motherboard. The mini-ITX form factor ZOTAC ION™ motherboards combine a high-performance NVIDIA® ION graphics processor with a power-efficient Intel® Celeron® processor for the ultimate eco-friendly platform that has no troubles handling regular web browsing, e-mail, productivity and HD video playback tasks.

NVIDIA® PureVideo™ HD technology harnesses the power of the NVIDIA® ION™ GPU's 16 high-speed stream processors for high-definition Blu-ray playback capabilities. PureVideo™ HD technology decodes HD video formats and enhances standard-definition videos with the NVIDIA® ION™ GPU for flawless HD and superior SD video playback.



## Specifications

- NVIDIA® ION™ graphics processor
- 16 stream processors

## Processor support

- Intel® Celeron® 743 (1.3 GHz, single-core)
- 800 MHz front-side bus

## Memory support

- DDR3 1066
- 2 x 240 pin DDR3 DIMM slots
- Up to 8GB ram

## Expansion

- Mini PCI Express (occupied by WiFi module)
- PCI Express 2.0 x16

## Dimensions

- Mini-ITX form factor
- Height: 6.7in - 170mm
- Width: 6.7in - 170mm



## Rear port layout



## Inside the box

- 3 SATA cables
- 1 SATA power adapter
- 2 WiFi antenna
- 1 WiFi bracket



## Features

- NVIDIA® PureVideo™ HD technology
- NVIDIA® CUDA™ Ready
- NVIDIA® MediaShield™ Storage & RAID technology
- Integrated 802.11n WiFi
- Microsoft® DirectX 10
- Microsoft® Windows® 7 Premium ready

## Storage support

- 3 SATA 3.0 Gb/s ports
- 1 eSATA 3.0 Gb/s port
- SATA RAID 0, 1

## Connectors

- 10 USB ports (6 on back panel, 4 via pin header)
- 1 Serial port header
- 1 HD Audio Port (Line-in, Line-out, Mic-in)
- 1 PS/2 keyboard port
- 2 Digital S/PDIF outputs (1 optical, 1 coaxial)
- 1 WiFi antenna connector

## Display outputs

- VGA
- DVI-D
- HDMI (w/7.1-channel Audio)
- NVIDIA® nView™ multi-display (up to 2 monitors)
- HDCP ready

## Size comparison

PhysX  
by NVIDIA

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