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® Atom™ 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
  - Graphics Engine Clock: 450 MHz
  - Shader Clock: 1100 MHz
  - 16 stream processors
- Processor support
  - Intel® Atom™ 230 (1.6 GHz, single-core)
  - 533 MHz front-side bus
  - Intel® HyperThreading™ technology
- Memory support
  - DDR2 667/800
  - 2 x 240 pin DDR2 DIMM slots
  - Up to 4GB ram

Features
- NVIDIA® PureVideo™ HD technology
- NVIDIA® CUDA™ Ready
- NVIDIA® PhysX™ Ready
- NVIDIA® MediaShield™ Storage & RAID technology
- 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, 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]

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

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

Expansion
- Mini PCI Express

Rear port layout

Inside the box
- 3 SATA cable
- 1 SATA power adapter
- 1 I/O back plate

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