

VIA Technologies

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www.viaembedded.com**Pico-ITX Platform**

Most Powerful Pico-ITX Board Ever Packs the VIA Processor, Powers VIA AMOS-3000 Series, Industry's Most Compact & Fanless IPC

VIA AMOS-3001: Strong, Silent and Powerful

Entirely fanless and designed specially to work with the VIA EPIA-P820 or EPIA-P720, the VIA AMOS-3001 is a powerful, rugged and HD-ready industrial-class PC that combines all the benefits of high-performance computing and ruthless hardware acceleration of HD media across the latest display connectivity standards including native HDMI support.

- Dimensions: 150 mm (W) x 45 mm (H) x 108 mm (D)
- Supports comprehensive I/O functions on front and rear panels for diversified embedded applications
- Wide range of operating temperatures from -20°C up to +70°C
- Shock resistant to 70G and vibration resistant to 7G for maximum reliability
- Supports hardware acceleration of H.264 for full HD 1080P, MPEG-2/4 & WMV9 display
- Supports Gigabit Ethernet & optional Wi-Fi networking
- Multiple mounting solutions: Wall/Table/VESA
- Embedded OS-ready platform

VIA AMOS-3000

The VIA AMOS-3000 is based on a VIA EPIA-P700 Pico-ITX board, powered by either a 1 GHz VIA C7 processor or a ULV 500 MHz VIA Eden processor coupled with VIA's VX700 Unified Digital Media chipset, supporting up to 1 GB of DDR2 SO-DIMM system memory. Both DVI-D and VGA outputs are supported through integrated VIA UniChrome™ Pro II IGP, which also provides MPEG-2/4 and WMV9 hardware acceleration for smooth media playback.

The VIA AMOS-3000 has a certified operating temperature of -20°C to +60°C, vibration tolerance of up to 5Grms and a shock tolerance of up to 50G. Storage is provided through a 44-pin IDE interface for a Disk On Module Flash drive. An optional storage subsystem expansion chassis offers support for a standard 2.5" SATA drive. An onboard RJ-45 connector provides Gigabit networking while the VIA VT1708A brings HD audio. Additional features include 4 USB 2.0 ports, onboard GPIO port, COM port and programmable Watchdog Timer. System LED indicators are provided for power and HDD activity.

**AMOS-3001****AMOS-3000**