

Specifications



The Aero 6U is a high-flexibility rack-mount PC platform, packing outstanding graphics performance, processing power and storage options into a rugged 6U chassis. Cooling is optimised by an adaptive thermal control system.

Dimensions :

Height: 6U 264mm (H) X 305 to 723mm (D) X 478mm (W)

Colors :

Black (Colors RAL customized available according to quantities)

Motherboard :

Mini-ITX, Micro-ATX, Full ATX form factors, or Single Board Computers

Drive bays :

Up to 2x optical slimline drives, Up to 1x fixed hard drive, Up to 8x removable hard drives

Expansion :

Up to 18 ISA
Up to 18 PCI full height, full length
Up to 18 PCIe full height, full length

Cooling system :

Up to 4 temperature-controlled high throughput contra-rotating fans

Front panel :

Access to USB, power and reset, DVD drive and removable drive bays.

Environmental (Typical) :

Temperature (operating): 0°C to 50° C
Temperature (storage): -20° C to -65° C
Moisture: 5% - 95% without condensation

Certification and Approvals :

EMC directive 89/336EEC
- IN 55022 Class A
- IN 50082-1
- IEC801-2
- IEC801-3
- IEC801-4
LVD directive 73/23EEC
- IN 60950

Power Supply :

IDEAL FOR

- INTEGRATED MILITARY APPLICATIONS
- INDUSTRIAL AUTOMATION AND MONITORING
- COMPUTER TELEPHONY, GENERAL TELECOMMS
- BROADCAST AND VIDEO PROCESSING
- INDUSTRIAL AND AVIATION SIMULATION
- MAXIMUM SPECIFICATION, MINIMUM DEPTH

Processor (socket 775 - Intel®) :

Up to 2x Intel Xeon or i7 Processors.

FSB :

Up to 1333 MHz

BIOS :

Award BIOS or American Megatrends

System Memory :

Up to 32GB DDR3 1333MHz

Storage :

Optional RAID 0/1/5, 32MB to 6TB

Watchdog Timer :

Optional : Reset ; 1 sec.~255 min. 1 sec. or 1 min./step

Hardware Status Monitor :

Temperature controlled fans. System fans adjust speed to maintain optimum balance between temperature, noise and fan life.

GPIO :

Optional: Integrated GPIO Interface (8-bit Digital I/O)

Serial :

Up to 48 x RS-232, 48 x RS-232/422/485

IRDA : N/A

USB :

Up to 4 ports at the rear of the chassis, 2 ports on the front panel, 2 ports internally on IDC headers.

Audio :

Mic in, Line in, out Line

Ethernet :

Up to 3x 10/100/1000BASE-T Gigabit Ethernet onboard
Up to 24x 10/100/1000BASE-T Gigabit Ethernet on expansion cards

Display :

Onboard Integrated Graphics
or

up to 4x High Performance/Professional PCIe x16 Graphics Adapter

Resolution (max):

Up to 2048 X 1536 (QXGA)

Please contact us for more information, pricing, and availability

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