

## 200-H32E 18-inch P4 PICMG 1.2 ePCI



The 200-H32E is the Latest PICMG 1.2 ePCI-200 2U platform. The 18-inch deep system comes as standard with a rich set of features including the latest generation 478-pin processor technology, PCI-X supports up to 133MHz, up to 3GByte of DDR SDRAM and dual 10/100 Base-TX Ethernet controller. The ePCI backplane provides support for one ePCI (5HB) location, two PCI/ PCI-X 65-bit 133MHz @ 3.3V expansion boards and three PCI 64-bit 33MHz @ 5V expansion boards. This powerful platform is targeted at a broad range of applications requiring high performance processing with a good graphic solution in a PICMG environment (where ISA bus support is not necessary). Those requirements can be found for applications in most of the following markets: automation, communications, medical imaging and military.

### Chassis:

- \* 18-inch depth industrial 2U platform
- \* Accommodates PICMG 1.2/ ePCI-200 operating temperature up to 50°C (122°F)
- \* Two 5.25-inch front accessible drive bays
- \* Option of two 3.5-inch internal hard drive bay
- \* Agency approval for UL/ FCC/ CE
- \* 400w power supply with PFC

### PICMG 1.2 SBC Supports

- \* ePCI-200
- \* Intel Pentium 4, up to 3GHz with 400/533MHz FSB
- \* Three DDR266 SDRAM DIMM sockets, up to 3 GByte
- \* Two USB 1.1 ports
- \* Two PCI-X @ 64-bit 133MHz, two full-length and one half-length PCI @ 66bit 33MHz expansion slots



**kontron**  
... always a Jump ahead!

## 200-H32E - Technical Specifications

### Single Board Computer

**Processor:**

Pentium 4 Processor

**BIOS:**

Phoenix BIOS

**System Memory:**

Three 184-pin DIMM sockets

DDR266 SDRAM, 3GB (max)

ECC RAM

**Ethernet:**

Two PCI10/100 Base-

TX (Intel 82551ER) with automatic crossover

Two serial ports

one parallel port

**Chassis Dimension (WxHxD):**

17 x 3.48 x 18-inch (431.8 x 88.4 x 457.2mm)

**Door:**

Black front door with lock (optional)

**Power Supply:**

400W power supply with PFC, 90 to 264VAC, 47 to 63Hz

**Backplane/ Expansion:**

One SHB slot

Three PCI 32-bit, 33MHz slots @ 5V  
two full-size, one half-size

Two PCI-X 64-bit, 133MHz slots @ 3.3V, full size cards

**Drive Bays:**

Two 25-inch front accessible drive bays

One 3.5-inch front accessible drive bays

Two 3.5-inch internal hard drive bay

**Cooling:**

Two 22.5CFM 60mm fans

**Protection Class:**

IP20 with dust filter over air intakes

**Environmental:****Operating Temperatures:**

0° to 45°C (32°F - 113°F)

depending on processor speed and system loading

**Agency Approval:**

CE

FCC class A

**Safety:**

EN60950: 2000 safety on information Technology Equipment

UL/cUL listed with CB-formatted UL report

**Support:**

Superior pre- and post sales technical support

2-year limited warranty



Kontron UK Ltd

Oving Road

Chichester

West Sussex

PO19 7ET

Tel 0044 1243 523500

Fax 0044 1243 532949

Email [uksales@kontron.com](mailto:uksales@kontron.com)

Web [www.kontronuk.com](http://www.kontronuk.com)

