

- **400-H33E**
- **18-inch Intel® Pentium® 4 SBC 4U platform**



The 400-H33E is the latest PICMG1.2 4U platform. The 18-inch deep system comes standard with a rich set of features including the latest generation 478-pin processor technology, PCI-X support up to 133MHz, up to 4GB of DDR SDRAM, an onboard ATI® Mobility Radeon with integrated 16MB of DDR SDRAM and a dual Fast Ethernet controller.

This 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 and military.

Chassis:

- **18-inch depth industrial 4U platform**
- **Three 5.25-inch front accessible drives, optional two internal 3.5-inch drives**
- **Accommodates PICMG 1.2 Intel Pentium 4 SBC, operating temperature up to 50 °C (122 °F)**
- **Agency approval for UL/ FCC/ CE**
- **400W power supply with PFC**

PICMG 1.2 SBC supports:

- **Kontron ePCI-200**
- **Intel Pentium 4 processor, up to 3GHz with 400/ 533MHz FSB**
- **Two independent PCI buses**
- **Bus A: PCI 32-bit 33MHz**
- **Bus B: PCI 64-bit 33MHz, up to PCI-X 133MHz**
- **Up to 4GB DDR266 SDRAM**
- **Dual 10/100 Ethernet**
- **ATI Mobility Radeon 3D dual-screen video controller (16MB DDR SDRAM)**



► 400-H33E - Technical Specifications

Single Board Computer

Processor

- Intel® Pentium® 4 processor, up to 3GHz with 400/533MHz FSB

BIOS

- Phoenix BIOS in Boot Block FLASH with recovery code

Power Management

- APM 1.2 and ACPI 1.0 compliant
- System chassis fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity

System Memory

- Three 184-pin DIMM sockets
- DDR266 SDRAM, 4GB (max.)
- ECC RAM

Ethernet

- Dual 10/100 LAN

Rear I/O

- Two COM port 1, RS232C
- One VGA
- Two RJ45
- One parallel
- Two USB 2.0
- One PS/2 keyboard/mouse

Chassis

Dimension (W x H x D)

- 17 x 6.96 x 18-inch (431.8 x 176.8 x 457.2mm)

Door

- Black front door with lock (optional)

Power Supply

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

Backplane Options (EBP-11A4B6)

- Two PCI-X slots 64-bit @ 133MHz
- Four PCI/PCI-X slots 64-bit @ 66MHz
- Four PCI 32-bit @ 33MHz
- ATX form factor

Drive Bays

- Three 5.25-inch external drive bays
- Optional two 3.5-inch internal hard drive bays

Cooling

- One 69CFM 120mm fan

Protection Class

- IP20 with dust filter over air intakes

Environmental

Operating Temperature

- 0 ° to 50 °C* (32 ° to 122 °F)
- *Depending on processor speed and system loading

Operating Shock

- 30g acceleration peak (11ms pulse)

Operating Vibration

- 5 to 75Hz 0.5-inch double amplitude displacement; 7 to 2000Hz, 1.5g acceleration

Agency Approval

- CE
- FCC class A

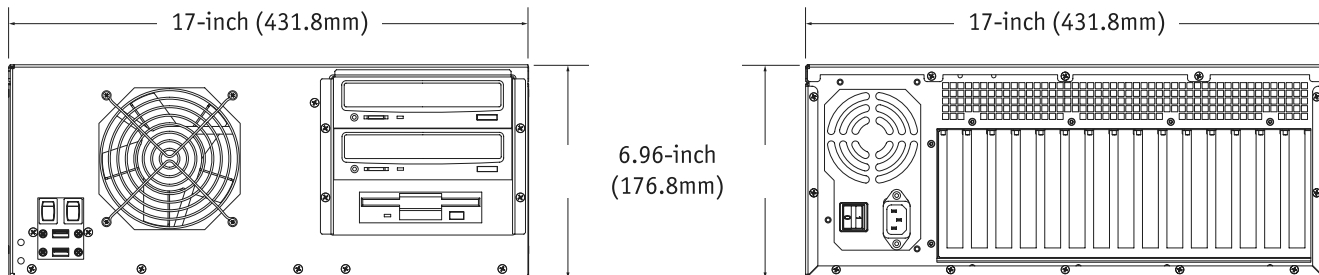
Safety

- EN 60950: 2000 Safety of Information Technology Equipment
- UL/cUL Listed with CB-formatted UL report

Support

- Superior pre- and post sales technical support
- 2-year limited warranty

400-H33E Dimensional Drawings



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