



PRODUCT DESCRIPTION

RACKMOUNT COMPUTER



General Description

This is an industrial grade 19 inch rackmount computer that uses industry standard PC/ATX compatible motherboards and I/O cards. The chassis has the following features:

- 19 inch rackmount, 7 inch height (4U) with heavy duty full extension slide out rails
- 5 to 7 slot (PCI slots and one AGP slot) ATX Form Factor motherboard
- Space for two 5¼ inch half height disk drives
- Space for one 3½ inch half height disk drive
- Internal shock mounting of one or two 3½ inch or 5¼ inch hard disk drives
- Rear access for I/O card connections
- Cut outs for DB-9, DB-25, USB and PS/2 connectors
- 250-400 Watt power supplies with internal fan
- 2 large internal cooling fans
- Front removable filter assembly for cooling fan intakes
- Hard Disk Drive Access and Power LED indicators
- Power and Computer Reset switches
- Miniature audio speaker
- Isolating transformer for remote amplified speaker
- Optional keyboard lock switch

Typical Configuration

- **System:** PCI/AGP system in industrial rackmount enclosure
- **Processor:** Celeron® or Pentium®
- **Memory:** 256 MB expandable to 4 GB
- **Optional Memory:** Up to 512 kB battery backed up CMOS RAM
- **Hard Disk:** 80 GB or larger
- **Floppy Disk:** 3.5 inch 1.44 MB floppy
- **Optical Disk:** CD-ROM, CD-RW and DVD options available
- **Serial I/O:** Intelligent 8 to 224 channel serial interface module for RS-232 or RS-485 with baud rates up to 115200.
- **Parallel Port:** For local printer
- **Modem:** Dial-up or private line with baud rates up to 33600
- **Ethernet:** TCP/IP supported. Single or Dual Ethernet interface used for interprocessor link and communication with other computers. Optional TCP/IP and NFS support on V2TERM workstations.
- **Serial Multifunction Card (SMC):** Custom PCI card with hardware watchdog, battery backed up RAM.



General Specifications

Mechanical

- ATX Rackmount Case
- 4U Rackmount Chassis
- 400 Watt ATX 12 V Power Supply
- ATX Motherboards (up to 12 in by 13 in)
- External Drive Bays: Three 5.25 inch and three 3.5 inch
- Internal Drive Bays: Seven 3.5 inch
- 7 Expansion Slots
- One 120 mm intake fan and two 80 mm exhaust fans
- 2 USB ports

Dimensions and Weight

- **Size:** (177 mm by 483 mm by 584 mm) (7 in by 19 in by 23 in) (H x W x D) excluding slide rails
- **Weight:** Approximately 25.5 kg (56 lb)

Primary Power

- Single or Dual Power Supplies
- Typical 300 Watt, 115 Volts or 230 Volts AC single phase 47-63 Hz
- 14 Amp @ 3.3 V, 30 Amp @ +5 V, 10 Amp @ +12 V Maximum
- UPS option available for increased reliability

Environmental

- **Operating Temperature:** 0°C to +55°C
- **Storage Temperature:** -40°C to +70°C
- **Operating Humidity:** 20% to 80% (non-condensing)
- **Storage Humidity:** 5% to 90% (non-condensing)

Specifications subject to change.



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