

MBX-1620/1621

1U VIA Eden Server Appliance with 32-bit PCI Slot

NEW



Features



- ★ Ultra Low Power VIA Eden CPU
- ★ Triple 10/100 Mbps LAN
- ★ 32-bit PCI Slot
- ★ Built-in HDD
- ★ Support DiskOnChip, IDE Flash Disk and CompactFlash
- ★ For Embedded Controller

Specifications

System

- **Form Factor:** 1U, 19" rack-mountable IDE Chassis
- **CPU:** VIA Ultra Low Power Embedded Eden 400 MHz processor with FSB 133 MHz
- **Memory:** Up to 640 MB PC-133 SDRAM (onboard 128 MB SDRAM) One 144-pin SO-DIMM socket
- **Chipset:** VIA VT8606 Twister-T™ North Bridge with integrated avage4™ 4X AGP Graphics core and VT82C686B "Super Southbridge"
- **Network:** Realtek RTL8139C or Intel 82559, 10/100 Mbps, Autoswitching
- **EIDE:** one 44 pin IDE for 2.5" HDD
- **Watchdog Timer:** 128-level
- **Expansion:** 1 x 32-bit PCI slot
- **Dimension (W x H x D):** 426 x 44 x 307 mm(16.8" x 1.73" x 12.1")
- **Construction:** Heavy-duty Steel
- **Weight:** 6Kgs. (13.2 lb) (Maximum configuration)

- **Storage Temperature:** -20 ~ 60°C
- **Storage Humidity:** 5 to 95% non-condensing
- **Approvals:** CE, FCC Class A

OS Compatibility

- Linux / FreeBSD (latest versions), Windows 2000, NT 4.0 SCO UNIX, SUN Solaris, Novell

Storage

- **HDD / Type:** **MBX-1620** 1 built-in 2.5" HDD **MBX-1621** 1 Built-in 3.5" HDD
- **Flash Disk:** 1 x DiskOnChip socket
1 x IDE Flash Disk
1 x CompactFlash

Multiple I/O

- **Serial Ports:** 2 x RS-232
- **LAN:** 3 x LAN ports, RJ-45

Front Panel

- Reset button
- Interface to digital I/O and AT power
- LAN indicators: 3 LAN activity LEDs

Power Supply

- 70 Watt Openframe Power
- 110/260 Volt auto switching

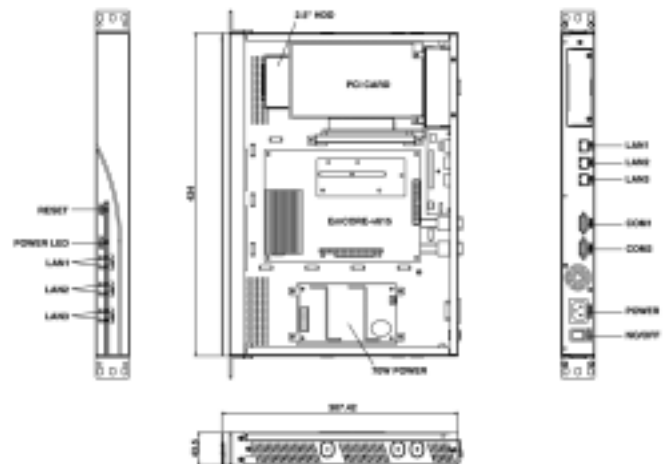
Cooling

- Fanless
- Heatsink for CPU

Mechanical & Environment

- **Operation Temperature:** 0 ~ 45°C

Dimension Diagram



Ordering Information

MBX-1620-3001-A

1U Server Appliance with Embedded VIA Eden/Ezra CPU, Triple Fast Ethernet, 2.5" HDD, 32-bit PCI slot with 70 Watt AT openframe power