

# MBX-1630/1631/1633

1U Pentium® III / Celeron Server Appliance with 4 LAN



## Features



- ★ Headless Applications
- ★ Intel Pentium III / Celeron
- ★ Single, Dual or Four 10/100 Mbps LAN
- ★ Ultra DMA / ATA-100 HDD
- ★ DiskOnChip and IDE Flash Disk support
- ★ PC/104-Plus interface
- ★ For Embedded controller and Firewall

## Specifications

### System

- **Form Factor:** 1U, 19" rack-mountable IDE Chassis
- **CPU:** Intel® Pentium® III up to 1 GHz or Celeron™ up to 950 MHz, FSB 133 MHz
- **Memory:** Up to 512 MB PC-133 SDRAM  
1 x 168-pin DIMM
- **Chipset:** VIA ProSavage PM133 (VT8605 Northbridge and VT82C686B Super Southbridge)
- **Network:** Intel 82559, 10/100 Mbps, autoswitching
- **EIDE:** one 40P for 3.5" HD ATA100
- **Watchdog Timer:** 128-level
- **Expansion:** 1 x PC/104-Plus interface for add-on module with additional 10/100 Mbps LAN ports
- **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:** 6 Kgs. (13.2 lb) (Maximum configuration)

### PC/104-Plus Option Modules

- **Em104P-LAN100N:** Single Intel 82559 10/100 Mbps LAN Module
- **Em104P-LAN100NT:** Triple Intel 82559 10/100 Mbps LAN Module

### Storage

- **HDD / Type:** 1 x built-in 3.5" HDD
- **Flash Disk:** 1 x IDE Flash Disk

### Multiple I/O

- **Serial Ports:** 1 x RS-232
- **USB:** 2 (12 Mb/s, 1.5 Mb/s)
- **Keyboard/ Mouse:** 1 x PS/2 K/B, 1 x PS/2 Mouse
- **LAN:** 1, 2, 4 x LAN ports, RJ-45

### Front Panel

- Soft Power On/Off
- Interface to digital I/O and ATX power
- **LAN indicators:** 1, 2 or 4 LAN activity LEDs on front

### Power Supply

- 150 Watt 110/260 Volt auto switching
- Input Current 4.0 A (115 VAC), 2.0 A (230 VAC)

### Cooling

- 2 heavy duty 25 CFM brush-less fans

- Brush-less fan in Power Supply and one CPU fan

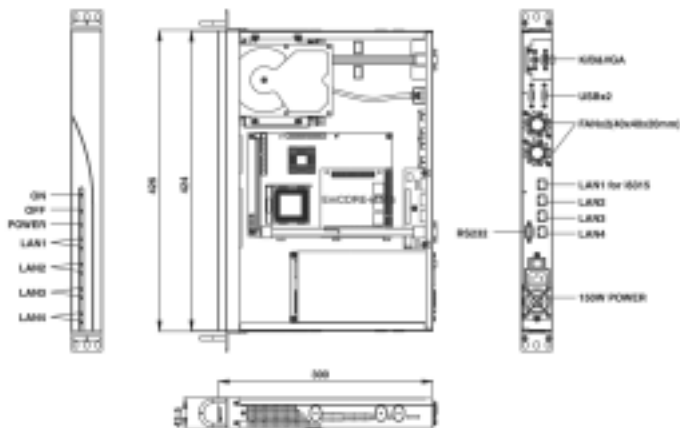
### Environment

- **Operation Temperature:** 0 ~ 45°C
- **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

## Dimension Diagram



## Ordering Information

### MBX - 1630-0600- A

1U Server Appliance with Pentium III / Celeron CPU, Fast Ethernet, 150 Watt PFC power

### MBX - 1631-0600- A

As above with Dual Fast Ethernet

### MBX - 1633-0600- A

As above with Quad Fast Ethernet