

# MBX-1610

## 1U VIA Eden Server Appliance with PCI Slot and Control Panel with Display

NEW



### Features



- ★ Headless Applications
- ★ Ultra Low Power VIA Eden CPU
- ★ Triple 10/100 Mbps LAN
- ★ 32-bit PCI Slot
- ★ Control Panel with Display on Front
- ★ For VPN/Firewall and Embedded Controller
- ★ CompactFlash socket: Support Type I/II cards

### 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™ North Bridge with integrated avenge4™ 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

- **HDD / Type:** One built-in 2.5" HDD
- **Flash Disk:** 1x DiskOnChip Socket  
1x IDE Flash Disk  
1x CompactFlash (no drivers required)

#### Control Panel with Display

- **User programmable interface**
- **Control Interface:** Standard RS-232C serial port
- **Display:** 2x 20 character terminal
- **OS:** OS independent, applicable to programming environments such as: PERL, Visual basic, batch control etc
- **Function:** IP/Date/Time Setup, System Shutdown, Data Communication Failure Alarm

#### 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
- LCM/keypad for friendly installation and operation interface

#### Power Supply

- 70 Watt Openframe Power
- 110/240 Volt auto switching

#### Cooling

- Fanless
- Heatsink for CPU

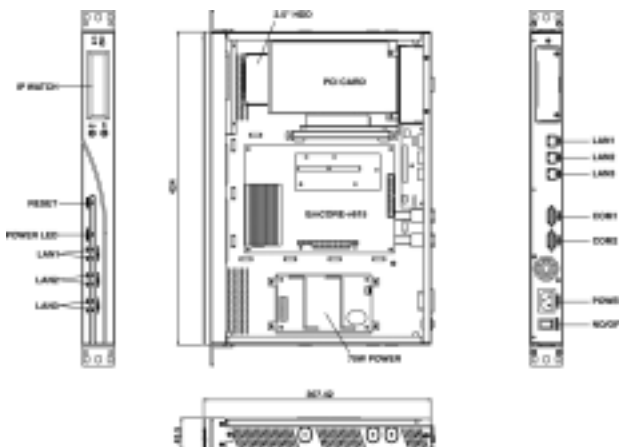
#### Mechanical & Environment

- **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-1610-3001-A

1U Server Appliance with Embedded VIA Eden CPU, Triple Fast Ethernet, Control Panel with Display and 70 Watt openframe power

ARBOR

Embedded Computing