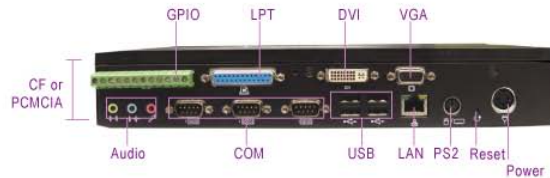


# MPE-110A

## Pentium-M & Celeron-M Fanless Engine Box



### Features

- True Fanless Anti-dust solution
- Intel Pentium-M & Celeron-M / ULV CM-600 solution
- VGA / LAN / PCMCIA or CF (not simultaneous) / Audio / USB interfaces
- GPIO for data collection and device control
- HDD Anti-vibration mechanism

### Ordering Information

1. MPE-110A-P1.8G-512-40-PCMCIA
2. MPE-110A-P1.8G-512-40-CF
3. MPE-110A-600-512-40-PCMCIA
4. MPE-110A-600-512-40-CF

### System

CPU	Socket 479 Intel Pentium-M 1.8G (21W) / Celeron-M (Dothan) BGA: ULV CM-600/512K (7W)
Chipset	Intel 855GME + ICH4
BIOS	4Mb AMI Flash BIOS
Cache	Built-in CPU L1 & L2 cache
VGA	855GME integrated Extreme Graphics
Audio	Realtek ALC202 AC97 Audio Codec, optional 2+2 watts power amplifier
LAN	ICH4 + 86562ET PHY 10/100Base-T Ethernet
Memory	DDR 266/333 SODIMM x 1 (without ECC)
I/O	ICH4
IDE	UDMA 100 IDE interface x 2
GPIO	4-bit input, 4-bit output (5V)
WDT	1~255 seconds, software programmable

### Display

Chipset	855GME integrated graphics utilizing Intel® Extreme Graphics 2 technology
Memory	Up to 64MB of dynamic video memory allocation
Interface	VGA and DVI interface (via daughter board)

### Storage

HDD	2.5" IDE HDD drive bay x 1 (with anti-vibration mechanism)
CF	1 x bootable Compact Flash slot for CF type I/II storages

### Expansion

Mini-PCI	1 x 32-bit Mini-PCI socket
* PCMCIA	Optional PCMCIA Type I/II 32-bit CardBus slot x 1 (not simultaneously with CF)

### External I/O

VGA	DB-15 x 1
DVI	DVI digital video connector x 1
USB	USB 2.0 x 4
COM	DB-9 x 3 (RS-232 x 2, RS-232/422/485 x 1)
LAN	RJ-45 x 1
KB/Mouse	PS/2 Keyboard & Mouse x 1
Audio	Line-in, Line-out, and Mic-in audio jacks
LPT	DB-25 x 1
Power	DC-In connector x 1
GPIO	5 x 2 screw-type external terminal
Switch	ATX power switch & RESET switch
Indicator	Power and HDD indicator

### Mechanical & Environmental

Color	Body: black / Paint: white
Power Input	DC12V~28V
Power Adaptor	AC90 ~ 264V / 47 ~ 63 Hz
Operating Temperature	0~40°C
Storage Temperature	-20~80°C
Relative Humidity	10%~90%, non-condensing
Dimensions	P1.8G: 292mm (L) x 190.1mm (W) x 54.4 mm (H) CM600: 292mm (L) x 190.1mm (W) x 49.4 mm (H)