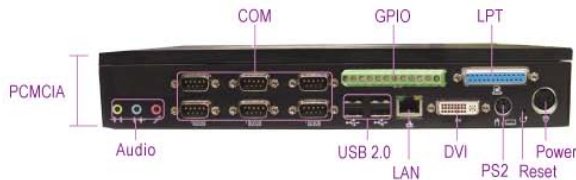


# MPE-111

## Intel Core Duo Fanless Engine Box



### ■ Features

- True Fanless Anti-dust solution
- Socket 479 Intel® Core™ Duo /Solo processors low-power platform
- VGA / LAN / PCMCIA /CF / Audio / USB interfaces
- GPIO for data collection and device control
- HDD Anti-vibration mechanism

### ■ Ordering Information

1. MPE-111-CoreDuo2.0G-512-40

### ■ System

CPU	mPGA479M socket, Supports Intel® Core™ Duo /Solo processors up to 2.0 GHz (31W)
Chipset	Intel® 945GM chipset + ICH7M
BIOS	4Mb AMI Flash BIOS
VGA	Intel® 945GM integrated VGA (GMA950)
Audio	Realtek ALC655 AC97 Audio Codec, 2+2 watts power amplifier
LAN	1 x Realtek RTL8111B Gigabit Ethernet
Memory	Two DDR2 SODIMM socket supports up to 2GB
I/O	ICH7M
Serial ATA	Port x 1 with 150 MB/s transfer rate x 1
GPIO	8-bit input, 8-bit output (5V)
WDT	1~255 seconds, software programmable

### ■ Display

Chipset	945GM integrated graphics utilizing Intel® GMA950 technology
Memory	Up to 224MB shared with system memory
Interface	DVI-I interface (VGA via converter cable)

### ■ Storage

HDD	2.5" SATA 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	PCMCIA Type I/II 32-bit CardBus slot x 1

### ■ External I/O

DVI	DVI-I digital video connector x 1
VGA	(Converted from DVI-I connector via cable) x 1
USB	USB 2.0 x 4
COM	DB-9 x 6 (RS-232 x 5, RS-232/422/485 x 1)
LAN	RJ-45 x 1 (Gigabit Ethernet)
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 (Front LED color: Power: Green / Orange: HDD accessing)

### ■ Mechanical & Environmental

Power Input	DC12V~28V
Power Adaptor	AC90 ~ 264V / 47 ~ 63 Hz/ DC input 12V
Operating Temperature	0~40°C
Storage Temperature	-20~80°C
Relative Humidity	10%~90%, non-condensing
Dimensions	292mm (L) x 190mm (W) x 60.4 mm (H)

\* Option: by OEM request. ■ Specifications are subject to change without notice.