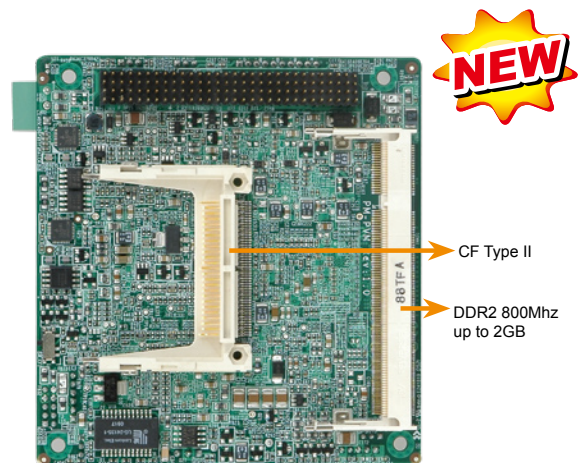
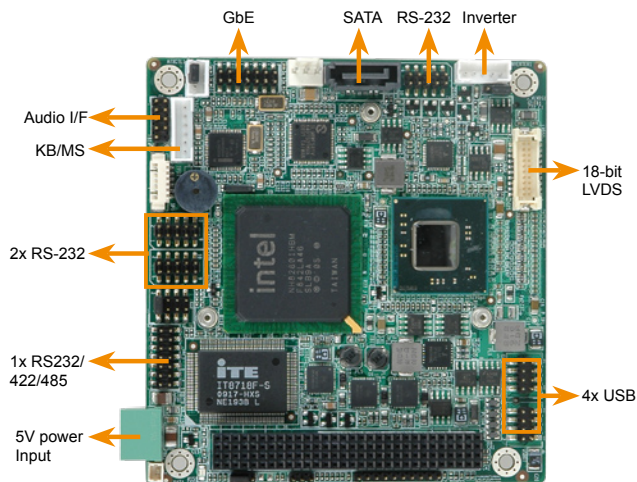


# PM-PV-D510

Intel® Atom™ Processor D510 1.66GHz/2x 512KB L2 Cache



One Key Recovery  
iEi symantec.

## Specifications

- ◆ CPU  
Intel® Atom™ Processor D510 1.66GHz/2x 512KB L2 Cache
- ◆ System Chipset  
Intel® ICH8M Chipset
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
One 200-pin 800/667MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet  
One Intel® 82567V GbE Ethernet PHY
- ◆ I/O Interface  
4 x USB 2.0  
1 x SATAII  
1 x RS-232  
1 x RS-232/422/485  
1 x CF Type I/II  
1 x PS/2 for KB/MS
- ◆ Extension  
1 x PCI-104 Slot (PCI BUS)
- ◆ Super I/O  
ITE IT8718F
- ◆ Digital I/O  
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Audio Interface  
7.1 channel HD audio kit with Realtek ALC883 codec supports dual audio streams
- ◆ Display Output  
Intel® Graphics Media Accelerator 3150 integrated in Intel® Atom™ D510 Processor  
DirectX\* 9 compliant / Pixel Shader\* v2.0  
MPEG2 Hardware Acceleration  
18-bit Single-Channel LVDS supporting resolution up to 1366 \* 768, 18bpp  
Analog CRT display output resolution up to 2048 \* 1536 @ 60Hz
- ◆ Watchdog Timer  
Softwafe programmable support 1~255 sec. System reset
- ◆ Power  
5V only, AT/ATX support, 12V for LCD Inverter
- ◆ Power Consumption  
5V@ 3.2A (Intel® Atom™ D510 1.66GHz CPU, 2GB 800MHz DDR2)
- ◆ Temperature  
operation: 0°C~ 60°C (32°F~140°F)
- ◆ Humidity  
operation: 5% ~95 non-condensing
- ◆ Dimensions  
95 mm x 95 mm
- ◆ Weight  
Weight: GW:600g / NW: 170g



## Features

1. PCI-104 Form Factor for Intel® Dual Core Atom™ D510 Processor
2. 5V single voltage lower power desing
3. Dual independence display supported by VGA + LVDS
4. DDR2 667/800Mhz SO-DIMM support up to 2GB
5. Support 2xCOM, 4xUSB, 1xSATAII and CF type II socket
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Packing List

1 x PM-PV-D510 Single Board Computer
1 x RS-232 Cable (P/N: 32200-000049-RS)
1 x PS/2 KB/MS Cable (P/N: 32000-023800-RS)
1 x SATA Cable (P/N: 32102-000100-100/200-RS)
1 x Dual USB Cable (P/N: 32000-070301-RS)
1 x VGA Cable (P/N: 32000-033804-RS)
1 x LAN Cable (P/N: 32000-055702-RS)
1 x Power Cable (P/N: 32000-130300-RS)
1 x Cooler (Pre-Installed)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
PM-PV-D510-R10	PC/104 SBC with Intel® Atom™ D510 1.66GHz , VGA/LVDS, GbE, USB2.0, SATAII and CFII
AC-KIT883HD-R10	7.1Channel HD Aaudio Kit with Realtek ALC883 codec support dual audio streams
32100-052100-RS	ATX Power cable
32200-026500-RS	RS-232/422/485 cable