

EPC

EPC-7510

Expandable Multi Function Embedded PC

Features and Benefits:

- All-in-one cables-less Design
- Dual/Triple independent Display
- General Purpose I/O
- Lockable Serial ATA Connector
- Industrial PCI104 Expansion Interface
- Powerful PCIe x1 Expansion Module
- Flexible 1/2/3 Slot PCI Expansion Module
- Removable SATA HDD Expansion Module
- Embedded OS Support
- Anti-Shock and Vibration Design



Single fan



Double fan



PROTECH SYSTEMS

It's the right choice

No. 24, Lane 365, Yang Guang St., Nei Hu District, Taipei 114, Taiwan, R.O.C.

Tel: +886-2-8751-1111

Fax: +886-2-8751-1199

Email: sales@protech.com.tw

<http://www.protech.com.tw>



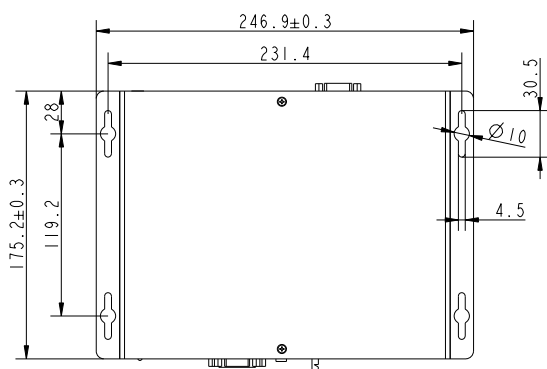
ISO CERTIFIED

9001 14001

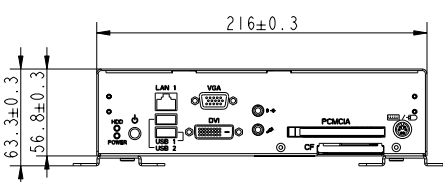
EPC-7510

Expandable Multi Function Embedded PC

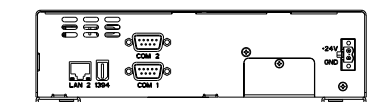
Top View



Front View



Rear View



Unit: mm

Specification

System

CPU Type	Socket479, support Pentium® M and Celeron® M CPU, up to 2.0GHz on board Celeron® M 1.0GHz ULV for cost down model (EPC-7510-C-AB / EP7510-C-CB)
Chipset	Intel® 915GM/GME+ICH6M
Memory Support	1 x DDRII SO-DIMM Socket (up to 2GB)
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	100W ATX or 90W AT Power Supply
Power Adaptor	AC 100V~240V input, DC 24V 2-pin output (optional)
Operation System	Windows 2000 / XP / XP-E(SP2), Windows CE. NET 4.2/5.0
System Weight	1.6 kg
Dimension (WxHxD)	216mm x 56.9mm x 175.2mm (with 2.5" HDD) 216mm x 85.3mm x 175.2mm (with 3.5" HDD)

I/O Ports (Front side)

HDD	SATA 2.5", uDOC (support by optional)
USB	2 x USB 2.0 Type-A Connector
Keyboard / Mouse	1 x PS/2 port for keyboard and mouse
PCMCIA	1 x PCMCIA cardbus slot (Don't include cost down model)
LAN	1 x 10/100/1000 Mbps LAN (Marvell 88E8052)
CF	1 x CF type II slot. (IDE interface)
DVI	1 x DVI port (resolution up to 1920x1200 60Hz max)
Audio	1 x Mic-in, SPK-out (Line-in by jumper setting)

I/O Ports (Rear side)

Serial Port	2 x COM port, all for R232, +5V
LAN	1 x 10/100 Mbps LAN (Intel 82562)
IEEE	1 x IEEE 1394a port (Don't include cost down model)

Environment

Operating Temp.	0° ~ 40° C
Storage Temp.	- 20° ~ 70° C
Humidity	20% ~ 90%
Anti-Vibration	MIL-STD-810F
Anti-shock	50G, IEC60068-2-27, 11ms duration

Ordering Information

EPC7510-AB	Socket479 + 1 x VGA + 1 x DVI + Dual fan+ 100W ATX Power + 1 x PCMCIA + 1 x 1394a
EPC7510-CB	Socket479 + 1 x VGA+ 1 x DVI + Dual fan + 90W AT Power + 1 x PCMCIA + 1 x 1394a
EPC7510-C-AB	On Board Celeron® M 1.0GHz ULV + 1 x VGA + Single fan + 100W ATX Power (Without IEEE 1394 & PCMCIA, On board CPU)
EPC7510-C-CB	On Board Celeron® M 1.0GHz ULV + 1 x VGA + Single fan + 90W AT Power (Without IEEE 1394 & PCMCIA, On board CPU)
EPC7510-EB	Socket479 + 1 x VGA + 1 x DVI + Single fan + 100W ATX Power + 1 x PCMCIA + 1 x 1394a
EPC7510-FB	Socket479 + 1 x VGA + 1 x DVI + Single fan + 90W AT Power + 1 x PCMCIA+ 1 x 1394a
EPC7510LF-S1-KIT	1 x PCIe, 1 x expansion module (backplane+ chassis)
EPC7510LF-S2-KIT	1 x PCI expansion module (backplane+chassis)
EPC7510LF-S3-KIT	2 x PCI expansion module (backplane+chassis)
EPC7510LF-S4-KIT	3 x PCI expansion module (backplane+chassis)
EPC7510LF-3.5HDD-KIT	Hot-plug removable 3.5" SATA HDD (expansion module)
52-002-0512000	24VDC power adaptor output
Certificate: CE, FCC CLASS A	

* CPU, AT Power, SDRAM, HDD are available as optional items.

All of trademarks and brand names are the property of their owners. Trademark "Protech" is the property of Protech Systems Co., Ltd. All information contained in this document is subject to change without any prior notice. This catalog is copyrighted in Feb. 2008