

POS-478

Socket-478 base Full Function POS
LCD/CRT VGA, LAN, GbE, Serial ATA, 1394

Supports Hyper-Threading Technology



CF-514

High performance Skiving Pentium® 4 CPU cooler
(Ordered separately)

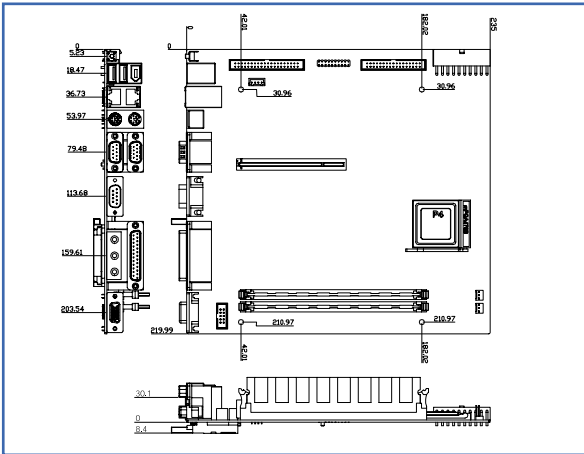
SPECIFICATIONS

- ◆ Material: Aluminum Skiving
- ◆ Dimensions: 83(W)x69(D)x55(H) mm
- ◆ Fin pitch: 0.7mm
- ◆ Fin thickness: 0.15mm
- ◆ Capability: 86 W



Serial-ATA
Cable sets

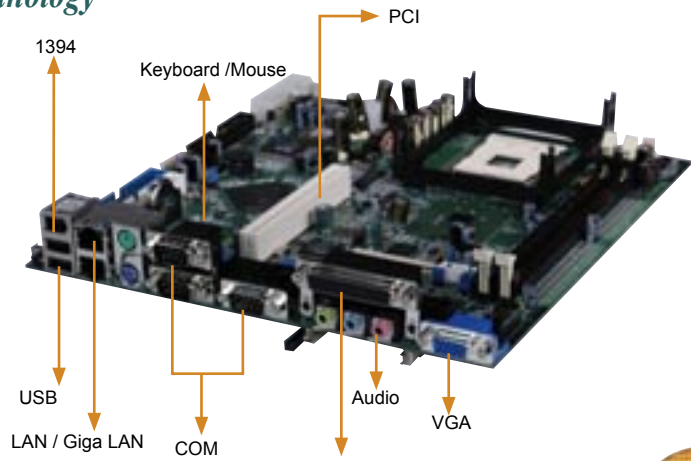
Dimensions



What are the differences between USB and IEEE-1394?

USB & IEEE 1394 Interface Comparison Table

Interface	USB1.1	IEEE1394.a	USB 2.0
Speed	12Mbps	400Mbps	480Mbps
Connector Device Supported	127	63	127
Plug & Play	Yes	Yes	Yes
Main Peripheral Devices	Keyboard Mouse Modem Printer Scanner DSC	DV HD HDTV CD-R/RW DVD-ROM	As USB1.1



SPECIFICATIONS

- ◆ CPU : Socket-478 base support Intel Pentium 4/ Celeron up to 533MHz FSB
- ◆ System Chipset : Intel 845G/GV + ICH4(support Hyper-Threading P4)
- ◆ System Memory : 2 x PC-1600/PC-2100(200/266MHz) DDR SDRAM, maximum up to 2GB
- ◆ Display: VGA chip: Integrated in 845G/ GV chipset
 - LCD controller: NS DS90C2501 supports up to 1400x1050 resolution, 24/48-bit TFT LCD
 - V-RAM: shared with system memory (DVMT technology)
 - CRT Resolution: Supports up to 2048x1536 36-bit color display
 - Connector: DF14-30F for 48-bit Dual channel LVDS, DB-15 for CRT display
- ◆ SSD: One Compact Flash type II socket
- ◆ Ethernet :
 - 1 x onboard 10/100Mbps Ethernet
 - 1 x 10/100/1000Mbps Ethernet (Intel 82540)
- ◆ Audio : AC '97 Codec, 6W Amplify (supports line-in, line-out, mic-in and speak-out)
- ◆ I/O :
 - 3 x RS232 serial port
 - 1 x RS232/RS422/485 selectable port
 - 1 x IrDA
 - 2 x LPT parallel ports
 - 6 x USB 2.0 ports
 - 2 x ATA-100 IDE channel
 - 2 x Serial-ATA(Silicon Image SIL3112), equipped with 2 Serial-ATA cables support RAID 0 (Striping) and RAID 1 (Mirroring) with Silicon Image Medley-software RAID. (optional)
 - 1 x FDD port
- ◆ IEEE-1394: 2 x IEEE-1394a 400Mbps ports (TI TSB43AA22)
- ◆ Digital I/O : TTL Level, 4 x inputs and 4 x outputs
- ◆ Extension Slot : 1 x 32-bit PCI slot
- ◆ WDT: Software programmable supports 1~255 sec system reset
- ◆ Support ATX function
- ◆ Power Consumption : +5V@4.7A, +12V@7A, 3.3V@4.2A, -12V@0.1A, 5VSB@0.5A (P4 2GHz /1GB DDR SDRAM)
- ◆ Operating Temperature : 0~60°C
- ◆ Relative Humidity : 5~95%, non-condensing

ORDERING INFORMATION

- **POS-478S** Socket-478 base with LCD/CRT VGA, CFII, LAN, GbE & IEEE-1394, S-ATA
- **POS-478** Socket-478 base with LCD/CRT VGA, CFII, LAN, GbE & IEEE-1394
- **POS-478E** Socket-478 base with LCD/CRT VGA, CFII, LAN,
- **CF-514** High performance Skiving Pentium® 4 CPU cooler