

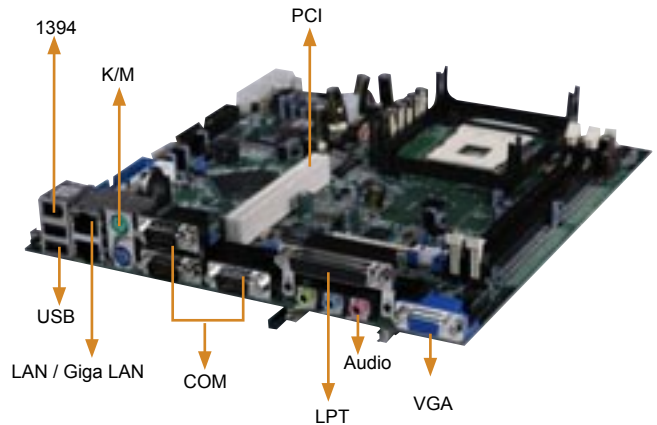
POS-478

POS Board, Socket 478 800MHz FSB with LCD/ CRT
VGA, LAN, GbE, S-ATA, 1394, USB 2.0 & Audio

Celeron D Version coming soon !!



48-bit dual channel LVDS



Feature

- Intel P4 CPU with HT support upto FSB 533MHz
- ** Celeron D support.coming soon
- CRT/LCD integrated in i845GV, support 48-bit LVDS
- 2x DDR 266/333 support up to 2GB
- Support 1x PCI expansion slot
- CFII, LAN, USB2.0, Multi-COM, Audio, IEEE1394 integrated



Tech Talk.

Specifications

CPU	Socket-478 base support Intel Pentium 4/ Celeron up to 533MHz FSB
System Chipset	Intel 845GV + ICH4(support Hyper-Threading P4)
System Memory	2 x DDR 266/333 SDRAM socket support up to 2GB
Display	VGA chip: Integrated in 845GV chipset – LCD controller: NS DS90C2501 supports up to 1400x1050 resolution, LVDS 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 and 2x5 box header 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@0.9A, +12V@6.9A, 3.3V@5.2A, -12V@0.2A, 5VSB@0.5A (P4 2.4GHz /1GB DDR266 SDRAM)
Operating Temperature	0~60°C
Relative Humidity	5~95%, non-condensing

IEI Option

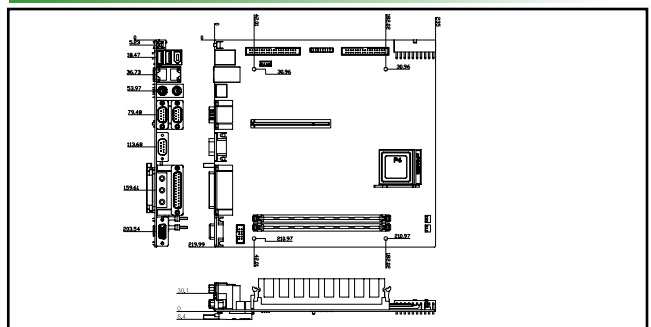
- **CF-514**
High performance Skiving Pentium® 4 CPU cooler

page 5-5

Available Power Supply Suggestion

Model Name	Max +12V	Max +5V	Input
ACE-940AP	15A	40A	AC AT
ACE-828A	10A	25A	AC ATX
ACE-832A/AP/AP-S	15A	30A	AC ATX
ACE-840A	15A	40A	AC ATX
ACE-841AP-S	20A	33A	AC ATX
ACE-850AP	36A	29A	AC ATX
ACE-925P	10A	25A	48V DC AT
ACE-916A	10A	15A	AC AT
ACE-816A	12A	15A	AC ATX
ACE-830VU1	10A	15A	12V DC ATX
ACE-830CU1/TU1	22A	25A	24/48V DC ATX
ACE-818APM	12A	12A	AC ATX
ACE-728APM	10A	28A	AC ATX
ACE-828M	10A	25A	AC ATX
ACE-930AP(230V)	12A	30A	AC AT
ACE-C232	12A	25A	AC AT
ACE-R30A/30AP(230V)	15A	35A	AC ATX

Dimensions



Ordering Information

- **POS-478S**
POS Board, Socket 478 533MHz FSB with LCD/ CRT VGA, LAN, GbE, S-ATA, 1394, USB 2.0 & Audio
- **POS-478**
POS Board, Socket 478 533MHz FSB with LCD/ CRT VGA, LAN, GbE, 1394, USB 2.0 & Audio
- **POS-478E**
POS Board, Socket 478 533MHz FSB with LCD/ CRT VGA, LAN, USB 2.0 & Audio