

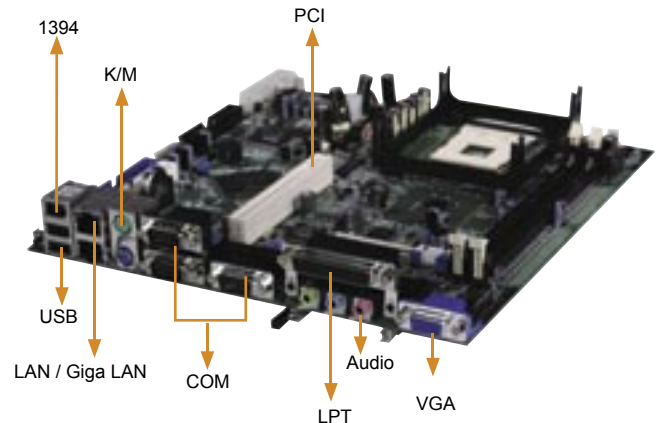
# POS-478

POS Board, Socket 478 533MHz FSB with LCD/ CRT VGA, LAN, GbE, S-ATA, 1394, USB 2.0, 4 COM & Audio

*Celeron D Version coming soon !!*



36-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

## Specifications

<b>CPU</b>	Socket-478 base support Intel Pentium 4/ Celeron up to 533MHz FSB
<b>System Chipset</b>	Intel 845GV + ICH4(support Hyper-Threading P4)
<b>System Memory</b>	2 x DDR 266/333 SDRAM socket support up to 2GB
<b>Display</b>	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 36-bit Dual channel LVDS, DB-15 and 2x5 box header for CRT display
<b>SSD</b>	One Compact Flash type II socket
<b>Ethernet</b>	1st 10/100Mbps i82562ET Fast Ethernet controller (POS-478E) 2nd 82540 GbE controller (POS-478 / POS-478S)
<b>Audio</b>	AC '97 Codec, 6W Amplify (supports line-in, line-out, mic-in and speak-out)
<b>I/O</b>	– 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
<b>IEEE-1394</b>	2 x IEEE-1394a 400Mbps ports (TI TSB43AA22)
<b>Digital I/O</b>	TTL Level, 4 x inputs and 4 x outputs
<b>Extension Slot</b>	1 x 32-bit PCI slot
<b>WDT</b>	Software programmable supports 1~255 sec system reset Support ATX function
<b>Power Consumption</b>	+5V@0.9A, +12V@6.9A, 3.3V@5.2A, -12V@0.2A, 5VSB@0.5A (P4 2.4GHz /1GB DDR266 SDRAM)
<b>Operating Temperature</b>	0~60°C
<b>Relative Humidity</b>	5~95%, non-condensing

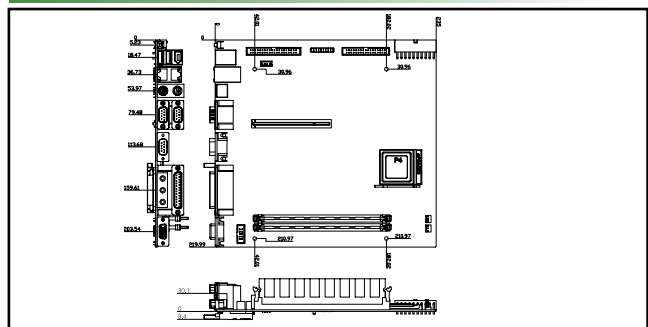
## IEI Option

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

## 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

## Single Board Computer

PIAGP Series

PICMG

Half-Size

Industrial Motherboard

5.25" NOVA

EPIC NANO

3.5" WAFER

ETX

PC/104

Add-on Card

IVC Card

Backplane

## LCD Product Series

Chassis

Power supply

Peripheral