

## SY-P4I 845PE ISA Specification Summary

Intel Socket-478 P4 Based Intel i845PE Chipset ATX Motherboard Supporting 533 MHz FSB, Intel Hyper-Threading Technology, DDR333, On-Board Audio, LAN, USB 2.0, and ISA Slots Specifications

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### **Processor**

3.06GHz P4 or 2.0GHz Celeron. Socket 478

### **Chipset Type:**

Intel i845PE

### **Chipset Description**

Intel i845PE chipset, Supports 533/400 MHz FSB

### **Form Factor:**

ATX

### **Memory Type :**

DDR 333/266

### **Memory Description:**

Two 184-pin DDR SDRAM 2.5V DIMM sockets support up to 2GB (DDR 333/266)

184-pin PC2700/PC2100 non-ECC, unbuffered DDR SDRAM memory

### **Expansion Slots:**

Four 32-bit Bus Mastering PCI slots (V2.2 compliant)

One AGP slot (support 2x/4x mode with 1.5v)

Three ISA slots

### **IDE Type**

UDMA 66/100

### **IDE Description**

Two independent channels for four IDE devices

Supports up to PIO Mode 5 and UDMA 66/100

Two PCI bus mastering ATA E-IDE ports

### **Audio Description**

On board 4 channels AC97 Codec audio solution

### **IO Port Description**

Two RS-232 serial ports (16550 UART compatible)

One parallel printer port (SPP/EPP/ECP mode)

One FDD port (Supports 3 mode, 1.2/1.44/2.88 MB FDD)

Provides IrDA / FIR ports with optional cable for transceiver

Provides 6 USB 2.0 ports (2\*rear, 4\*pin header)

IO Connection Description

PS/2 Mini-DIN mouse & keyboard ports One RJ45 connector

Two USB ports

One D-Sub 9-pin male serial ports (one by pin header)

One D-Sub 25-pin female printer port

Audio I/O: LINE-Outx1 , LINE-Inx1, MIC JACK x1

One game port

### **BIOS Description**

Award PCI BIOS with ACPI function

Supports multiple-boot from E-IDE/SCSI/CD-ROM/FDD LS120/ZIP

2 Mb Flash ROM

### **Health Monitoring Description**

On-board voltage monitors for +3.3V, +5V, +12V, VCORE, DIMM, AGP

CPU fan speed monitor

CPU temperature monitoring through CPU internal sensing diode

### **Dimension Description**

Four layers, 30.5 cm x 22.5 cm (12" x 8.85")

ATX form factor

### **Certification**

FCC Class B and CE EMI Regulation Compliant

**Compatibilities**

WinXP / Win2000 / WinNT / WinME / Win98SE / Linux / FreeBSD

Features

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Embedded AC97 Codec provide 4 channels audio solution

On-board USB 2.0 for ultra fast I/O connection

On board 10/100 Mbps Ethernet function

Supports Smart Card Reader connector

Advanced Management Capabilities\* Software power off control, Power-on by keyboard, Power-on by Alarm, Modem Ring On

Supports ATX12V power supply only

Supports on-board Hardware Monitoring and includes Hardware Health Utility to streamline your PC system management

Supports WOL (Wake On LAN) function to simplify network management

Suspend To RAM, Suspend To Disk

More information and original <http://www.soyousa.com/products/proddesc.php?id=194>