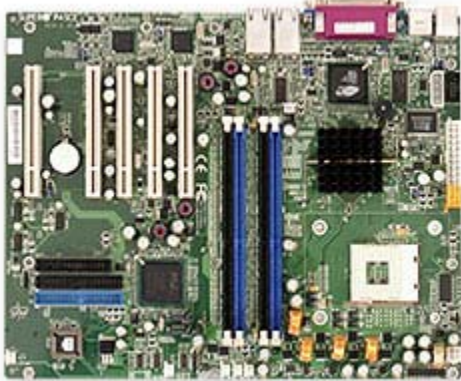


P4SCE

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Key Features

1. Intel® Pentium® 4 Support up to 3.4 GHz, Celeron® up to 2.4 GHz
2. Intel® E7210 (Canterwood ES) Chipset
3. Up to 4GB DDR 400/333/266 SDRAM
4. 2 x Intel® 82541 Gigabit Ethernet Controllers
5. Serial ATA Controller on-chip (Intel® ICH5R)
6. 5 x 32-bit 33 MHz PCI (5V)
7. ATI RageXL 8MB PCI Graphic Controller

Links & Resources

- ▶ [Recommended Chassis](#)
- ▶ [Tested Memory List](#)
- ▶ [Motherboard Manual](#)
- ▶ [Update Your BIOS](#)
- ▶ [Download the Latest Drivers and Utilities](#)

Specifications

Physical Stats

Form Factor	ATX
Dimensions	12" x 9.5", (30.5cm x 24.1cm)

Processor/Cache

CPU	<ul style="list-style-type: none"> • Single mPGA478 ZIF Sockets • Supports an Intel® Pentium® 4 processor with 2MB of integrated Advanced Transfer Cache up to 3.4GHz (Extreme Edition) • Supports an Intel® Pentium® 4 processor with 1MB of integrated Advanced Transfer Cache up to 3.2GHz • Supports an Intel® Celeron® processor with 128KB of integrated Advanced Transfer Cache up to 2.4GHz • Hyper-threading enabled
System Bus	800 / 533 / 400MHz system bus

System Memory

Memory Capacity	<ul style="list-style-type: none"> • Four 184-pin DIMM sockets • Supports up to 4 GB of DDR400/333/266 memory • Dual channel memory bus • Memory must be populated in pairs
Memory Type	DDR400/333/266 (ECC or non-ECC) unbuffered SDRAM, 184-pin gold-plated DIMMs
DIMM Sizes	256 MB, 512 MB, 1 GB
Memory Voltage	2.5 V only

On-Board Devices

Chipset	<ul style="list-style-type: none"> • Intel® E7210 (Canterwood ES) chipset • MCH + ICH5R + FWH
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Chassis (Optimized for P4SCE)

1U Chassis	• SC811-IDEP4
Rackmount Tower / 4U	• SC742i-300
Mid-Tower	• SC733i-300
Tower	• SC762-420
Important Note	To ensure system stability, a 300W (minimum) ATX power supply [4-pin +12V AND (20 or 24-pin)] is required.

System BIOS

BIOS Type	4Mb Flash EEPROM with AwardBIOS®
BIOS Features	<ul style="list-style-type: none"> • Plug and Play (PnP) • APM 1.2 • DMI 2.3 support • PCI 2.3 • ACPI 1.0 • BIOS rescue hot keys • Hardware BIOS virus protection • USB Keyboard support

Management

Software	<ul style="list-style-type: none"> • Super Doctor III • Watch Dog
Power Configurations	<ul style="list-style-type: none"> • ACPI/APM Power Management • Main Switch Override Mechanism • Wake-On-Ring (WOR) header • Wake-On-LAN (WOL) header • Suspend to RAM (STR) • Power-on mode control for AC power loss recovery • Internal/External modem remote ring-on

PC Health Monitoring

Serial ATA	<ul style="list-style-type: none"> • SATA Controller on-chip (Intel® ICH5R) • Dual Serial ATA ports • RAID 0, 1 Supported *
Network Controllers	<ul style="list-style-type: none"> • Dual Intel® 82541 Gigabit Ethernet • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Graphics	ATI Rage XL SVGA PCI video controller with 8 MB of video memory
Input / Output	
PCI Expansion	<ul style="list-style-type: none"> • 5x 32-bit 33MHz PCI (5V) slots
IDE	<ul style="list-style-type: none"> • Dual EIDE channels support up to four UDMA IDE devices • Supports UDMA Mode 5, PIO Mode 4, and ATA/100
USB	Up to 8 USB ports
Infrared	1 Infrared port header
Serial Ports	2 Fast UART 16550 serial ports
Parallel Port	1 ECP / EEP Parallel Port
Floppy	1 Floppy controller; 1.44 MB, 2.88 MB, 3-mode support
Keyboard / Mouse	PS/2 keyboard and mouse ports

CPU	<ul style="list-style-type: none"> • Monitors for CPU Cores, +3.3V, +5, ±12V, +3.3V/+5V Standby, VBAT • CPU Core 3-Phase-switching voltage regulator with auto-sense from 0.85V-1.65V • Adjustable CPU clock frequency ratio settings (via BIOS)
FAN	<ul style="list-style-type: none"> • Total of four 3-pin fan headers • 3x fans with tachometer monitoring • Status monitor with firmware/software on/off control
Temperature	<ul style="list-style-type: none"> • Monitoring for CPU, chassis, environment • CPU thermal trip support
LED	<ul style="list-style-type: none"> • CPU Overheat LED • System Overheat LED • +5V standby alert LED • Suspend-state indicator LED
Other Features	<ul style="list-style-type: none"> • Chassis intrusion detection • Chassis intrusion header
OS Compatibility	
<ul style="list-style-type: none"> • Please see our OS Compatibility Chart 	

* - Driver Support for Windows 2000, XP, and 2003 only

Parts List

Standard Retail Package

	Part Number	Qty	Description
P4SCE	MBD-P4SCE-O	1	P4SCE Motherboard
Manual(s)	MNL-0697	1	Manual for P4SCE
Retention Kits	SKT-109	1	Pentium 4, 478 Pin CPU Retention Module
I/O Cables	CBL-010	1	9-pin Serial Port Cable
	CBL-022	1	ATX Floppy Cable
	CBL-036	1	ATA 66/100 IDE LP Cable
	CBL-041	1	USB 2.0 4-Port Cable with Key on 10
	CBL-044	2	2 Ft. Amphenol Serial ATA Cable
Driver Disk	CDR-INTC	1	Version 1.00 Chipset Driver CD
I/O Shield	CSE-PT7	1	I/O Shield for Dual LAN

Note: Items in a Standard Retail Package may differ from items in a Standard Bulk Package.