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SuperServer 5013C-M / 5013C-MB

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Key Features

1. Intel® Pentium® 4 Support up to 3.4 GHz, Celeron® up to 2.4 GHz
2. Up to 4GB DDR 400/333/266 SDRAM
3. 1 x 64-bit 66MHz Full-height, Half-length PCI Expansion Slot
4. 1 x Intel® 82547GI CSA, 1x Intel® 82541 Gigabit Ethernet Controller
5. ATI RageXL 8MB PCI Graphic Controller
6. 1 x 3.5" Internal IDE Drive Bays
7. 260W Power Supply

Available Colors: Black  Beige 

▶ [Drivers & Utilities](#) ▶ [BIOS](#) ▶ [Tested Memory List](#) ▶ [Manuals](#)

Specifications

Product SKUs	
SYS-5013C-M	▪ SuperServer 5013C-M (Beige)
SYS-5013C-MB	▪ SuperServer 5013C-MB (Black)
Motherboard	
Super P4SCi	
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 up to 3.2GHz. Only use processors with 90 nano or 0.13 micron technology • Supports an Intel® Celeron® processor with 128KB of integrated Advanced Transfer Cache up to 2.8GHz • Hyper-threading enabled
System Bus	800 / 533 / 400MHz system bus

Chassis	
Form Factor	1U Rackmount
Model	SC512C-260
Dimensions	
Height	1.7" (43mm)
Width	16.8" (426mm)
Depth	14.0" (356mm)
Gross Weight	23 lbs (10.4 kg)
Available Colors	Beige, Black
Front Panel	
Buttons	<ul style="list-style-type: none"> • Power On/Off button • System Reset button
LEDs	<ul style="list-style-type: none"> • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED
Ports	<ul style="list-style-type: none"> • 2x USB Ports
Drive Bays	
Internal Bay	<ul style="list-style-type: none"> • 1x 3.5" internal drive bay

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, non-ECC, unbuffered SDRAM, 184-pin gold-plated DIMMs
DIMM Sizes	128MB, 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 + 6300ESB + FWH
Network Controllers	<ul style="list-style-type: none"> • 1x Intel® 82547GI CSA Gigabit Ethernet Controller • 1x Intel® 82541 Gigabit Ethernet Controller • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Graphics	ATI Rage XL SVGA PCI video controller with 8 MB of video memory

Expansion Slots	
1x full-height, half-length 64-bit 66MHz PCI expansion slot (Riser card required)	

Input / Output	
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
Floppy	1 Floppy controller; 1.44 MB, 2.88 MB, 3-mode support
USB	<ul style="list-style-type: none"> • 2x USB 2.0 / 1.1 ports • 1x USB header supports additional 2x USB 2.0 / 1.1 ports)
Serial Ports	2 Fast UART 16550 serial ports
VGA Port	1 VGA Port
Parallel Port	1 ECP/EEP Parallel Port
LAN Port	2x RJ45 Ports
Keyboard / Mouse	PS/2 keyboard and mouse ports

System Cooling	
Fans	1x 90mm blower fan

Power Supply	
Thermal control 260W AC power supply with PFC [24-pin, 4-pin=12V, (2) 4-pin]	
AC Voltage	■ 100 - 240V, 60-50Hz, 4 Amp Max
DC Output	■ 5V + 3.3V ≤ 140W
+5V	■ 25.0 Amp
+5V standby	■ 2.0 Amp
+12V	■ 18.0 Amp
-12V	■ 1.0 Amp
+3.3V	■ 15.0 Amp

PC Health Monitoring	
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 w/ auto-sense from 0.85V-1.65V • Adjustable CPU clock frequency ratio settings (via BIOS)
FAN	<ul style="list-style-type: none"> • Total of five 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

System BIOS	
BIOS Type	8Mb 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

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-P4Sci-O	1	Super P4Sci Motherboard
	CSE-512C-260	1	1U SC512C-260 Chassis (Beige)
Fan(s)	FAN-0059	1	10cm 5,000 RPM Blower Fan
Heatsink / Retention	SNK-P0002	1	1U Passive Heatsink for Pentium® 4 CPU
Peripheral Drives	FPD-CITZN-S (B)	1	Panasonic 3.5" 1.44MB Slim Floppy Drive
	CDM-TEAC-24(B)	1	Slim 24x TEAC CD-ROM Drive
Power Supply	PWS-0055	1	SP262-1S 1U 260W Power Supply
Riser Card	CSE-RR1U-X	1	64-bit 3.3V PCI-X 1U Riser Card

Optional Parts - (Items NOT Included)

	Part Number	Qty	Description
Mounting Rails	CSE-PT8	1	Rails and Telco Accessories For Mounting

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