SuperServer 5015P-TR / 5015P-TRB

Integrated Board

Super PDSMP-i

Available Colors: Black Beige

▸ Drivers & Utilities ▸ BIOS ▸ Tested Memory List ▸ Manuals

Key Features

1. Intel® Pentium® D, Pentium® 4 Extreme Edition, Pentium 4, Pentium Extreme Edition & Celeron D in LGA775 Package(FSB 1066/800/533)
2. Up to 8GB unbuffered, ECC DDR2 667/533/400 SDRAM
3. • 1 (x4) PCI-Express Slot OR 1x 64-bit 133MHz PCI-X Slot, • 1x 64-bit 100MHz PCI-X Slot, • 1x IPMI Slot
4. 2x Intel® 82573V (Tekoa) PCI-e Gigabit LAN Ports
5. 4 x 3.5" Hot-swap SATA Drive Bays
6. Redundant 400W Hot-swap Power Supply with I^2C for Remote Management

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs	
SYS-5015P-TR	SuperServer 5015P-TR (**Beige**)
SYS-5015P-TRB	SuperServer 5015P-TRB (**Black**)

Motherboard	
Super PDSMP-i	

Processor/Cache	
CPU	Single LGA775 ZIF Socket Supports an **Intel® Pentium® D (Smithfield Dual Core)** processor Supports an **Intel® Pentium® Extreme Edition** processor Supports an **Intel® Pentium® 4** processor Supports an **Intel® Pentium® 4 Extreme Edition** processor Supports an **Intel® Celeron® D** processor Hyper-Threading (HT) capable 1MB L2 Cache
System Bus	1066 / 800 / 533 MHz system bus

System Memory	
Memory Capacity	Four 240-pin DIMM sockets Supports up to 8 GB of unbuffered, ECC DDR2 667/533/400MHz memory (Single / Dual Channel)
Memory Type	DDR2 667/533/400MHz unbuffered, ECC SDRAM, 240-pin gold-plated DIMMs
DIMM Sizes	256 MB, 512 MB, 1 GB, 2GB
Memory Voltage	1.8V only

On-Board Devices	
Chipset	Intel E7230 (Mukilteo) Smithfield chipset ICH7R + PXH + Intel® 82573V
Serial ATA	Intel® ICH7R SATA controller built-in RAID 0, 1, 5, 10
IPMI	1U support for Intelligent Platform Management Interface v.2.0 (Optional: 1UIPMI-B) 3rd LAN (Optional: AOC-1UIPMI-LANG)
Network Controllers	Dual-port Intel® 82573V Gigabit PCI-Express Ethernet (Tekoa) Supports 1000BASE-TX, RJ45 output
VGA	On-board ATI RageXL graphics, 8MB
Super I/O	Winbond 83627HF chip

Expansion Slots	
PCI-Express / PCI-X	1 x Universal (SXB-E) slot for [1 (x4) PCI-E Slot] OR [1x 64-bit PCI-X 133MHz slot] 1 x 64-bit PCI-X 100MHz slot 1 x 1U IPMI Slot

Input / Output	
Serial ATA	Four Serial ATA ports (3 Gbps performance) Four SATA hard drives supported
IDE	One EIDE channel supports up to two UDMA IDE devices IDE Master / Slave 2 ports Supports UDMA Mode 5, PIO Mode 4, and ATA/100
Floppy	1 Floppy controller; 1.44 MB, 2.88 MB, 3-mode support
LAN	2x RJ45 LAN port
USB	6x USB 2.0 compliant / 1.1 compatible 4 internal USB headers 2 rear ports
VGA	1x VGA port
Keyboard / Mouse	PS/2 keyboard and mouse ports
Serial Ports	2x Fast UART 16550 serial header

Chassis	
Form Factor	1U Rackmount
Model	SC816T-R400

Dimensions	
Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	27" (686mm)
Gross Weight	46 lbs (20.9kg)
Available Colors	Beige, Black

Front Panel	
Buttons	Power On/Off button UID button
LEDs	Power / Power Fail LED Hard drive activity LED 2x Network activity LEDs System Overheat / Fan Fail LED UID LED
Ports	N/A

Drive Bays	
Hot-swap	4x 3.5" Hot-swap SATA drive bays

Peripheral Drives	
Floppy	TEAC 3.5" 1.44MB Slim Floppy Drive
DVD-ROM	Panasonic Slim 8x DVD-ROM drive

Backplane
1x SAS Hard Drive Backplane

System Cooling	
Fans	3x 4cm 12,000 RPM Nidec dual blade fans

Power Supply	
400W (1 + 1) Redundant AC power supply with PFC	
AC Voltage	100 - 240V, 50-60Hz, 6A-3A Amp
+5V	24 Amp
+5V standby	4 Amp
+12V	32 Amp
-12V	0.6 Amp
+3.3V	21 Amp

PC Health Monitoring	
CPU	Monitors for CPU Cores (+1.8V, +3.3V, +5, ±12V, +3.3V/+5V Standby, VBAT) CPU Core 4-Phase-switching voltage regulator with auto-sense from 0.8375V-1.6000V
FAN	Fan Speed Control Total of four proprietary fan headers 4 fans with tachometer monitoring Status monitor with firmware speed control Low noise fan speed control
Temperature	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor (TM2) Support
LED	CPU / System Overheat LED +5V standby alert LED Suspend-state indicator LED
Other Features	Chassis Intrusion Detection Chassis Intrusion Header

System BIOS	
BIOS Type	8Mb Flash EEPROM with Phoenix BIOS®
BIOS Features	Plug and Play (PnP) DMI 2.3 support PCI 2.2 ACPI 1.0 Hardware BIOS Virus protection USB Keyboard support

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-PDSMP-i-B	1	Super PDSMP-i Motherboard
	CSE-816T-R400(B)	1	1U SC816T-R400 Chassis (B = Black)
Cable(s)	CBL-0096	1	18" SATA Cable
Fan(s)	FAN-0085	3	12,000 RPM Nidec Dual Blade Fan
Hard Drives	CSE-PT39(B)	4	1" Hard Drive Trays
	CSE-SAS-814	1	1U 4 x 3.5" SAS Backplane
Heatsink	SNK-P0016	1	1U LGA775 P4, Passive Heatsink
Manual	-	1	SS5015P-TR User's Manual
Mounting Rails	CSE-PT51	1	1U Mounting Rail Kit
Peripheral Drives	FPD-TEAC-S(B)	1	TEAC 3.5" 1.44MB Slim Floppy Drive (B = Black)
	DVM-PNSC-824(B)	1	Slim Panasonic 8x DVD-ROM Drive (B = Black)
Power Supply	PWS-0064	2	SP400-1R 400W 1U power supply
Riser Card	CSE-RR1U-X	1	1U 1-Slot 64-bit 3.3V PCI-X - Left Side
	CSE-RR1U-XR	1	1U 1-Slot 64-bit 3.3V PCI-X - Right Side
	CSE-RR1U-ER	1	1U 1-Slot PCI-Express - Right Side

Optional Parts List

	Part Number	Qty	Description
Front Cover	CSE-PTFB-814-01(B)	-	Front Cover Bezel (B = Black)
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix

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