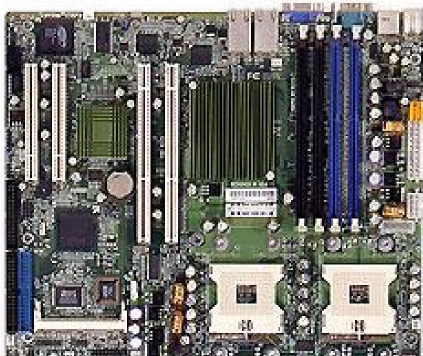


X5DPA-GG

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Key Features

1. Dual Intel® Xeon® Support up to 3.2 GHz
2. Intel® E7501 Chipset
3. Up to 8GB DDR 266/200 SDRAM
4. Dual Intel® 82541 Gigabit Ethernet Controller
5. Dual ATA/100 IDE Channels
6. ATI RageXL 8MB PCI Graphic Controller
7. 2 x 64-bit 100/66 MHz PCI-X (3.3V)

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 10" (30.5cm x 25.4cm)

Processor/Cache

CPU	<ul style="list-style-type: none"> • Dual mPGA604 ZIF Sockets • Supports up to two Intel® Xeon® processor(s) with 1MB integrated Advanced Transfer Cache up to 3.20GHz
System Bus	533MHz/400MHz system bus

System Memory

Memory Capacity	<ul style="list-style-type: none"> • Four 184-pin DIMM sockets • Supports up to 8 GB DDR266/200 memory • Dual channel memory bus • Memory must be populated in pairs
Memory Type	DDR266/200 registered ECC SDRAM 72-bit, 184-pin gold-plated DIMMs
DIMM Sizes	256 MB, 512 MB, 1 GB, 2 GB
Memory Voltage	2.5 V only

On-Board Devices

Chipset	<ul style="list-style-type: none"> • Intel® E7501 chipset • MCH + ICH3-S + P64H2
IPMI	Support for Intelligent Platform Management Interface v.1.5 (Optional)
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

Chassis (Optimized for X5DPA-GG)

1U Chassis	• SC811i-350
Rackmount Tower / 4U	• SC742i-420
Mid-Tower	• SC733i-450
Tower	• SC762-420
Important Note	To ensure system stability, a 350W (minimum) ATX power supply [8-pin +12V AND (20 or 24-pin)] is required.

System BIOS

BIOS Type	4Mb Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none"> • Plug and Play (PnP) • SMBIOS 2.3 • APM 1.2 • DMI 2.1 • ACPI 1.0 • Hardware BIOS virus protection

Management

Software / Hardware	<ul style="list-style-type: none"> • Optional IPMI (Intelligent Platform Management Interface) 1.5 • 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 • Power-on mode control for AC power loss recovery • Internal/External modem remote ring-on

PC Health Monitoring

PCI Expansion	<ul style="list-style-type: none"> • 2x 64-bit 100/66MHz PCI-X (3.3V) slots (1x slot available for 133MHz PCI-X) • 2x 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 5 USB 1.1 ports
Serial Ports	2 Fast UART 16550 serial ports
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, ±12V, 3.3V Standby • 4• CPU Core 3-Phase-switching voltage regulator with auto-sense from 1.3V-1.65V
FAN	<ul style="list-style-type: none"> • Total of five 3-pin fan headers • 3x fans with tachometer monitoring
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 • Suspend-state indicator LED
Other Features	<ul style="list-style-type: none"> • Chassis intrusion detection • Chassis intrusion header • SDDC support

OS Compatibility

• Please see our [OS Compatibility Chart](#)

Parts List

Standard Retail Package

	Part Number	Qty	Description
X5DPA-GG	MBD-X5DPA-GG-O	1	X5DPA-GG Motherboard
Manual(s)	MNL-0700	1	Manual for X5DPA-G / X5DPA-GG
Retention Kits	SKT-095-604E	2	Pentium 4, Xeon Heatsink Retention with 603 & 604-pin socket
	SKT-120-P	2	1U Xeon Mounting Plate
I/O Cables	CBL-010	1	9-pin Serial Port Cable
	CBL-022	1	ATX Floppy Cable
	CBL-031	1	One Head USB Cable with Bracket
	CBL-036	1	ATA 66/100 IDE LP Cable
Driver Disk	CDR-INTC	1	Version 1.02 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.