

SUPERMICRO[®] SERVER AND WORKSTATION

BUILDING BLOCK SOLUTIONS

For Pentium II 440 BX Motherboards

	P6DBS	P6DBE	P6SBS	P6SBA
Processor	Dual Pentium II 233-400 MHz or higher		Single Pentium II 233-400 MHz or higher	
Chipset	Intel 440BX supports 66/100 MHz CPU and DRAM buses			
Memory	1 GB EDO at 66 MHz or 512 MB unbuffered SDRAM or 1 GB registered DIMM	1 GB EDO at 66 MHz or 512 MB unbuffered SDRAM or 1 GB registered DIMM	1 GB EDO at 66 MHz or 512 MB unbuffered SDRAM or 1 GB registered DIMM	768 MB EDO at 66 MHz or 384 MB unbuffered SDRAM or 768 MB registered DIMM
PCI/ISA/AGP	4/3/1			
SCSI On-board	Adaptec 7895 Dual Channel UW SCSI 80 MB/s	N/A	Adaptec 7895 Dual Channel UW SCSI 80 MB/s	N/A
RAID Port On-board	Yes	No	Yes	No
AMI BIOS	2 Mb Flash BIOS, Plug and Play, APM 1.2, and DMI 2.01			
EIDE On-board	<ul style="list-style-type: none"> • 2 Ultra DMA Bus Master with 33 MB/s burst data transfer rate • Supports PIO Mode 4, DMA Mode 2, up to 4 IDE devices, and LS120 optical floppy back-up 			
I/O On-board	<ul style="list-style-type: none"> • 1 Floppy Port (up to 2.88 MB) • 2 Fast UART 16550 Serial Ports • 1 Infrared Port 		<ul style="list-style-type: none"> • 1 ECP/EPP Parallel Port • 2 Universal Serial Bus (USB) Connectors • PS/2 Mouse and PS/2 Keyboard 	
ACPI 1.0/PC 98-Ready	<ul style="list-style-type: none"> • Slow blinking LED for suspend-state indicator • External modem ring-on • Real time clock wake-up alarm 		<ul style="list-style-type: none"> • Microsoft OnNow • BIOS support for USB Keyboard • Main switch override mechanism 	
PC Health Monitoring	<ul style="list-style-type: none"> • Seven on-board voltage monitors for CPU core(s), CPU I/O, +3.3V, ±5V, and ±12V • Environment temperature monitor and control • Chassis overheat alarm, LED and control • System resource alert • Support SUPERMICRO's SUPER Doctor and Intel's LANdesk Client Manager 		<ul style="list-style-type: none"> • Three-fan status monitors with firmware/software control on/off • CPU fan auto-off in sleep mode • Chassis intrusion detection • Hardware BIOS virus protection • Switching voltage regulator for the CPU core, up to 20A current and 1.3V to 3.5V voltage ID 	
CD Software Utilities	<ul style="list-style-type: none"> • Intel LANdesk Client Manager for Windows NT[®] and Windows[®] 95 (optional) • DMI Browser for Windows 95 • SUPER Doctor Utility ver 1.20c 		<ul style="list-style-type: none"> • PIIX4 Upgrade Utility for Windows 95 • BIOS Flash Upgrade Utility • DMI Wizard • Manual in PDF format 	
Board Size	ATX (12"x10.2")	ATX (12"x10.2")	ATX (12"x8.875")	ATX (12"x7")
Chassis	SC801-A or SC750-A or SC730-A or SC701-A			
Pentium II Fan	Fan 016 - 3-pin tachometer fan with active heat sink and passive heat dissipation capability			
Back-up Fan	<ul style="list-style-type: none"> • Fan 014 - 8 cm thermal fan with tachometer • Fan 015 - 9 cm thermal fan with tachometer 			
RAID Card	• DACPJ-3 - Mylex DAC960PJ		• DACPG-3 - Mylex DAC960PG	
Network Interface Card	<ul style="list-style-type: none"> • NWC 001 - PCI Ethernet adapter with DEC chipset • NWC 002 - PCI Ethernet 10/100 with Intel chipset 			
AGP Video Card	<ul style="list-style-type: none"> • VGA 011 - 8 MB with 3Dlabs Permedia2 chipset • VGA 012 - 4 MB with nVIDIA RIVA-128 chipset 		<ul style="list-style-type: none"> • VGA 013 - 4 MB nVIDIA RIVA-128 with TV out • VGA 014 - 4/8 MB with Intel 740 chipset 	
SCSI Add-on Card	On-board Adaptec 7895 Dual Channel UW SCSI	SCS 003 - Symbios Ultra Wide	On-board Adaptec 7895 Dual Channel UW SCSI	SCS 003 - Symbios Ultra Wide
HD Carrier	CSE 004 - Hot swappable Wide SCSI			
SCSI Cable	<ul style="list-style-type: none"> • CBL 003 - Wide SCSI cable with 3 heads • CBL 014 - Wide SCSI, 2 Internal/1 External 		<ul style="list-style-type: none"> • CBL 007 - Wide SCSI cable with 8 heads • CBL 008 - SCSI cable with 8 heads 	

SUPERMICRO[®]

SUPER MICRO COMPUTER INC.

2051 Junction Avenue • San Jose, CA 95131 USA

Tel: (408) 895-2000 • Fax: (408) 895-2008

VISIT US ON THE WEB

<http://www.supermicro.com>

©SUPER MICRO Computer, Inc. 1998

Specifications subject to change without notice.
All other brands and names are the property of their respective owners.