

SUPER P6DNI - Dual Pentium® Pro Processor

- Dual Processing
- Fault Tolerance
- Redundancy
- Thermal Control
- I₂O™ Enabled

SUPER P6DNI supports dual Pentium® Pro processors, up to 1 GB, EDO or FPM memory, USB, Intelligent I/O with the Intel i960® RP I/O microprocessor, and ECC support. SUPERMICRO's building block solution is your ultimate choice when it comes to configuring high-speed servers. With SUPERMICRO engineering, quality and service, combined with features including dual processors, dual hot swappable power supplies, thermal sensors for system overheat protection, 100 Mbps ethernet card, 100 Base-TX stackable hub, 40 MB/s ultra wide SCSI and deluxe file server chassis, you can be assured of total security for your file server, web server, workstation or desktop integration.

TECHNICAL SPECIFICATIONS

Processor:

Dual Pentium Pro processor
200/180/166/150 MHz and ≥ 200 MHz
with integrated 256/512 KB non-blocking L2 (secondary) cache built-in

Bus Speed:

66/60 MHz or higher external bus with
64 bits data, plus 8 bits ECC

Socket:

Dual ZIF (Zero Insertion Force) Socket 8

Chip Set:

Intel 440FX

Expansion:

- 8 32-bit PCI slots
- 3 16-bit ISA slots

System Overheat Temperature

Control:

- Built in alarm
- Back-Up Fan Controller

SYSTEM MEMORY:

8 72-Pin SIMM sockets for 36 bit
support fast page mode, and EDO

Capacity:

8 MB minimum, 1 GB maximum

ECC:

Error checking & correction and
parity checking support

Modules:

4/8/16/32/64/128 MB DRAM

Access Time:

70ns or faster

INTEGRATED IDE AND I/O

IDE:

Control logic provides two IDE inter-
faces with support for IDE mode 4

USB:

2 universal serial bus ports

I/O:

- 2 fast UART 16550 serial ports
- 1 floppy interface
- ECP/EPP parallel port
- ECP (Extended Capabilities Port)
- EPP (Enhanced Parallel Port)

On Board Intelligent I/O:

- Intel i960 RP I/O processor (IOP)
- I₂O enabled
- Wind River systems IxWorks™ RTOS
- 1-2 Mb flash
- SIMM socket for additional IOP local memory

SYSTEM BIOS

Type:

- AMI flash BIOS
- (PnP) Plug and Play support
- (APM) Advanced Power Management

DIMENSIONS

Board Style:

Full AT size

Board Size:

13.8" x 12"

CONTACT

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CONNECTORS:

5V power supply (3V optional)
PS/2 mouse port

ORDERING INFORMATION**SUPER P6DNI:**

Dual Pentium Pro processor, 440FX chip set, 8 72-pin SIMM sockets support up to 1 GB DRAM FPM, and EDO

ACCESSORY KITS:

SYMBIOS Ultra Wide SCSI II, 40 MB/sec with driver, regular cable and manual

ADAPTEC 2940UW:

Ultra Wide SCSI II, 40 MB/sec
with driver, regular cable and manual

ADAPTEC 2940U:

Ultra Fast SCSI II, 20 MB/sec
with drivers, SCSI cable and manual

ADAPTEC 2940W:

PCI Wide SCSI II, 20 MB/sec
with drivers, regular cable and manual

ADAPTEC 2940:

PCI Fast SCSI II, 10 MB/sec with
drivers, SCSI cable and manual

Ethernet Card:

- 1. Intel EtherExpress™ Pro/100B
- 2. PCI Adapter, DEC chip set with BNC/10 base T/AUI

Cooling Kit P6:

CPU cooling fan for socket 8 (ball bearing fan optional)

Wide SCSI Cable:

68 pin SCSI cable for 2940W/UW

File Server Case:

320x650x540mm (HxWxD), FCC class A approved 300W power supply, 10 I/O ports, 12 slots, 11x5.25" and 2x3/5" FDD, hot swappable HD bays optional

Stackable Hub:

OEM Intel express 100 base-TX

WARRANTY:

One year parts and labor