

NEC

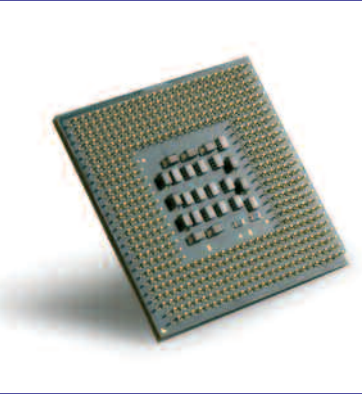


NEC EXPRESS5800 TM800

- ⇒ Intel® Pentium® D Dual-Core Processors
- ⇒ Intel® i955X + ICH7R Chipset
- ⇒ Integrated Dual Gigabit Ethernet
- ⇒ Up to 8GB DDR2-533 ECC SDRAM
- ⇒ Up to 4 Fixed SCSI or SATA-2 HDDs
- ⇒ Optional 3 HotSwap SCSI HDD Cage
- ⇒ Integrated SATA-2 RAID 0, 1, 0+1, 5

THE VALUE
CONSCIOUS
SERVER

www.nec-computers.com



Performance



Flexibility



Connectivity

NEC EXPRESS5800 TM800

The Value Conscious Server

DESIGN

Form Factor Tower or 5U Rack

PROCESSOR

Number of CPUs 1
 CPU Intel®Pentium®4 & Pentium®D
 Single & Dual-Core Processors
 CPU Socket LGA775

Embedded L1 Cache
 L2 Cache std / max / type 1MB/2MB;
 2x1MB (Dual-Core)
 Front Side Bus Speed 800MHz/ 1066MHz

ARCHITECTURE

Chipset Intel i955X + ICH7R

MEMORY

Memory Min/Max 256MB / 8GB
 Type DDR2 533MHz ECC SDRAM
 Memory Slots 4 DIMM

I/O SLOTS

Total Slots 3x PCI / 1x PCI-EXPRESS
 X1
 1x PCI-EXPRESS X4
 (Slot X16)
 1x PCI-EXPRESS X16

MEDIA & STORAGE

Optical Disk Drive CD-ROM / DVD / DVD Writer
 Floppy Disk Drive 1.44MB
 SATA-2 7200 rpm HDDs 80/ 160/ 250/ 500GB
 SCSI U320 10Krpm HDDs 73/ 146/ 300GB
 Standard HDD and Media Controllers 4x SATA-2 + 1x EIDE
 Optional U320 SCSI Board
 Embedded SATA-2 RAID (0,1, 0+1, 5)
 Optional U320 PCI RAID Board
 Optional 4-ch. SATA RAID Board
 RAID Configuration
 Max. Internal Storage Capacity 2.0TB SATA-2 (4x 500GB)
 1.2TB SCSI (4x 300GB)

BAYS

5.25" Media Bays 4 / 3 (Total / Free)
 3.5" Media Bays 1 / 0 (Total / Free)
 3.5" Fixed HDD Bays 4 x 1"
 3.5" HotSwap HDD Bays 3 x 1" with Optional HotSwap Cage

VIDEO

Video controller On PCI Board

NETWORK

Network interface controller Embedded 2-ch Gigabit Ethernet

SECURITY

2 level passwords Yes

I/O PORTS

USB Ports 6 (2 Front / 4 Rear)
 Serial Port 1 (DB9)
 Parallel Port 1
 IEEE 1394 2
 Mouse / Keyboard Port 2
 SVGA Video Port With Video Board
 External SCSI Connector With SCSI Boards
 Ethernet Port 2x RJ45
 Audio 5.1 (6-Channel Audio)

POWER SUPPLY

Power Supply Unit 400W w/ PFC 110/220V
 Number of Power Supplies 1

VENTILATION

Fan specifications Standard + Processor Air Duct
 3 Fixed Fans

PHYSICAL SPECIFICATIONS

Size (HxWxD) 198W x 465D x 425H (mm)
 Weight 11Kg
 Operating Constraints 10 to 35° C, 20 to 80% RH

OS & SOFTWARE

Install & Configuration SW ExpressBuilder
 Software Certification Windows Server 2003
 Windows SBS 2003
 Red Hat Enterprise Linux 3.0
 Mandriva CS 3.0

WARRANTY

Standard Warranty 1 year on-site NBD

NEC ULTRACARE SERVICES

Warranty Extensions 3 years on-site NBD
 4 hour response, 8x5
 4 hour response, 24x7
 Value Added Services On-site Installations

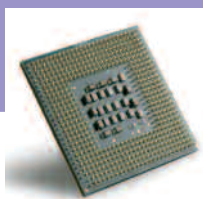
REGULATORY & SAFETY

Regulatory Compliance CE

RECOMMENDED UPS

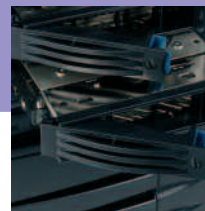
SU 1000 Option

(a) optional; (b) optional or standard on certain models; (c) following models; (p) with feet; (*) verify availability



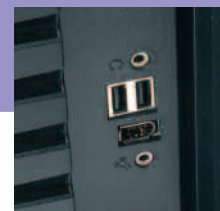
Performance

- Dual Core Processors
- 8Gb DDR2-533
- PCI Express X16



Flexibility

- SATA or SCSI Disks
- Fixed or Hot-Swap Configurations
- Multiple Backup Systems



Connectivity

- 2 Gigabit Ethernet
- 6 PCI Connectors
- USB and Firewire in front

