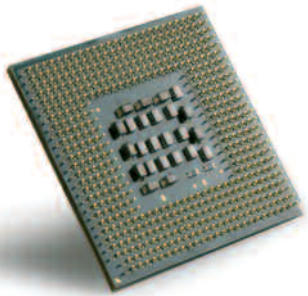


NEC



**Powerful
Performance**



3D Performance



NEC EXPRESS5800 TM800 WS

- ⇒ 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
- ⇒ Optional nVidia Quadro FX Graphic Cards

**THE ENTRY
WORKSTATION**



Flexibility

www.nec-computers.com

NEC TM800 WS

The Entry Workstation

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 Type 256MB / 8GB 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
 RAID Configuration Embedded SATA-2 RAID (0,1, 0+1, 5)
 Optional U320 PCI RAID Board
 Optional 4-ch. SATA RAID Board
 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

Optional nVidia FX Series Graphics Cards :
 Nvidia Quadro 280XGL 64MB (Dual screen)
 Nvidia Quadro FX540 128MB
 Nvidia Quadro FX1400/3400 128/256MB

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 XP Pro
 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

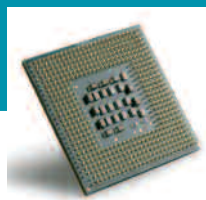
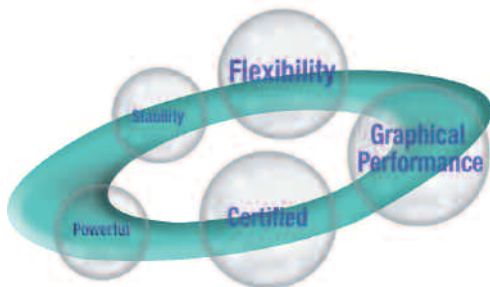
REGULATORY & SAFETY

Regulatory Compliance CE

RECOMMENDED UPS

SU 1000 Option

(a) : Optional; (b) : Optional or Standard on Certain Models; (c) : Following Models; (p) : Including Feet;
 (*) Verify Availability



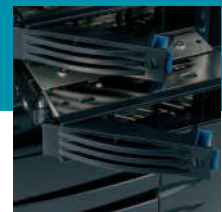
Powerful Performance

- Dual Core processors
- 8Go DDR2-533
- PCI Express X16



3D Performance

- Professional Graphics Cards
- Up to 512 Mb dedicated to GDDR3
- High Quality NEC Display Screens



Flexibility

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

