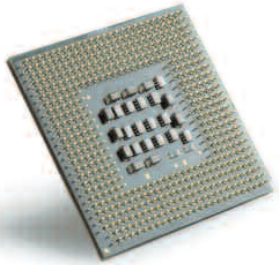


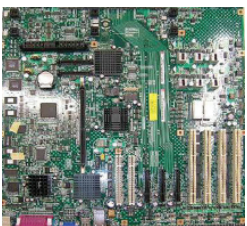
NEC



Performance



Flexibility



Manageability

NEC EXPRESS5800/140Re-4

- **Scaleable 4-way Dual Core Intel® Xeon MP Architecture**
- **Up to 64GB of DDR-2 400 ECC SDRAM**
- **Outstanding Enterprise Performance**
- **Impressive Reliability & Availability**
- **Compact 4U Rack Design**
- **Easy Manageability & Serviceability**

**The High-Density
Enterprise
Server**

www.nec-computers.com

NEC EXPRESS5800/140Re-4

The High-Density Enterprise Server

CHASSIS

Form Factor Rack 4U

PROCESSORS

Number of CPUs Up to 4
 CPUs Intel® Xeon™ MP 7000 (2.8/3.0 GHz)
 Intel® Xeon™ MP 7100 (2.6/3.0/3.2/3.4GHz)
 Xeon Processor MP (3.16GHz)
 Cache 2x1 / 2x2MB L2 (7000)
 4/8/16MB L3 (7100)
 Socket mPGA4-604 Packaging

CHIPSET

Chipset Intel 8501 chipset + 80333 IOP
 Front Side Bus 667/800 MHz FSB

MEMORY

Type DDR2-400MHz SDRAM – ECC Chipkill – Mirroring, RAID5, Hot-swap Modules
 Maximum Up to 64GB
 Slots 16 DIMM Slots

STORAGE CONTROLLERS

Integrated 1-ch EIDE Controller
 SAS 8-port SAS controller
 RAID Onboard w/ 256MB cache (Level 0,1,5) (optional BBU)

STORAGE MEDIA

Hotswap Drives Up to 5x SAS
 SAS HDDs 36/73/146GB 15Krpm
 FDD Opt. 1.44MB FDD on USB
 Optical DD DVD Rom 8x, ATAPI
 Opt. Disk Expansion Unit

BAYS

5.25" Bay 1(for Slim ODD)
 3.5" Media Bay 0/0 (total /free), 1/1 w/ opt cage
 3.5" HDD HotSwap 5x 1" or 3x 1" (with optional HDD-tape cage)

SLOTS

Total Slots 2x PCI-E x8 (Hot-Plug Long)
 1x PCI-E x4 (Long)
 4x PCI-X 64bit/100MHz (Hot-Plug, Long)
 2x PCI 32bit/33MHz (Long)

VIDEO

Video Controller ATI Radeon 7000M
 Video Memory 16MB VRAM Standard

NETWORK

Controller Embedded Dual Gigabit Ethernet, Remote Boot, AFT/ALB support

SECURITY

2 Level Passwords Yes
 Front Door Yes
 Intrusion Detection Yes

I/O PORTS

USB Ports 3x USB (1x Front USB 1.1 + 2x Rear USB2)
 PS/2 Ports 1x Mouse + 1x Keyboard
 Parallel Port 1x Rear
 Serial Port 1x RJ45 Front, 2x DB9 Rear
 Video Port 1x Mini D-sub 15 pin
 Ethernet Ports 2x RJ45 Ethernet Ports
 Management Port 1x RJ45

MANAGEMENT

Remote management with A-RMC standard
 1x 10/100 Base-T for management
 ESMPRO Management Manager

POWER SUPPLY

Standard PSU 2x 700w , Hot-Swap
 Option PSU 1x 700w (simple red.)
 2x 700w (double redund)

VENTILATION

Standard Redundant HS Fans

PHYSICAL SPECIFICATIONS

Environmental 10 to 35°C, 20 to 80% RH
 Weight 36 - 47 kg
 Dimensions HxWxD 176 x 485 x 788 mm

OS AND SOFTWARE

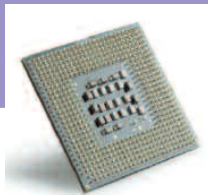
Setup & Configuration ExpressBuilder
 Certified OS Windows 2003 Server
 RedHat Linux AS 4.0
 VMware ESX 3.0, SAP

WARRANTY

Standard Warranty 3 years on-site
 Warranty Extensions 4 Hour Response
 6 Hour Repair
 Time Commitment

REGULATORY & SAFETY

Regulatory Compliance CE, FCC, UL



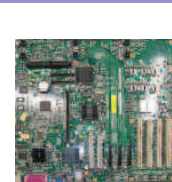
Performance

- Intel® Xeon®MP Dual-Core Processors
- Up to 64GB SDRAM DDR2-400 ECC



Flexibility

- 5 SAS HDD or 3 + 3.5" media
- 6 PCI-x Slots & PCI Express



Manageability

- ESMPRO Management
- BMC Standard
- NEC ExpressBuilder

