

NEC



Express5800/110Ej

- **Intel® Pentium®D Dual-Core Processors**
- **Intel® E7230 + ICH7R Chipset**
- **Up to 8GB DDR2-533 ECC SDRAM**
- **Support for SATA-2 & U320 Configurations**
- **Optional HotSwap HDD Configurations**
- **Integrated SATA-2 RAID 0, 1 Support**
- **Integrated Gigabit Ethernet Controller**
- **Optional Remote Management Card**

The Cost Effective
Entry Level Server





DESIGN		VIDEO	
Form Factor	Tower or 5U Rack	Video Controller	ATI ES1000
		Video Memory	16MB
PROCESSOR		NETWORK	
Number of CPUs	1	Network Interface	Embedded 1-ch Gigabit Ethernet Controller
CPU	Intel®Pentium®4 & Pentium®D Single & Dual-Core Processors LGA775		
CPU Socket	1MB/2MB;		
L2 Cache std / max / type	2x1MB (Dual-Core)		
L3 Cache	-		
Front Side Bus Speed	800MHz		
ARCHITECTURE		SECURITY	
Chipset	Intel®E7230 + ICH7R	2 Level Passwords	Yes
MEMORY		Front Door Protection	Yes
Memory Min/Max	512MB / 8GB		
Type	DDR2 533MHz ECC SDRAM		
Memory Slots	4 DIMM		
I/O SLOTS		I/O PORTS	
Total bus slots	1xPCI-EXPRESS X8 1xPCI-EXPRESS X1 2x PCI-X (64-bit/133MHz) 1x PCI (32-bit/33MHz)	USB Ports	4x USB2.0 (2 Front / 2 Rear)
MEDIA & STORAGE		Serial Port	1 (DB9)
Optical Disk Drive	CD-ROM / DVD / DVD Writer	Parallel Port	1
Floppy Disk Drive	1.44MB	Mouse / Keyboard Port	2
EIDE 7200 rpm HDDs	-	SVGA Video Port	1
SATA-2 7200 rpm HDDs	80/ 160/ 250/ 500GB	External SCSI Connector	With SCSI Boards
SCSI U320 10Krpm HDDs	73/ 146/ 300GB	System Management	Yes (optional)
Standard HDD and Media Controllers	4x SATA-2 + 1x EIDE Optional U320 SCSI Board	Ethernet Port	1x RJ45
RAID Configuration	Embedded SATA-2 RAID (0,1) Optional U320 PCI RAID Board Optional 4-ch. SATA RAID Board	Audio	-
Max. Internal Storage Capacity	2.0TB SATA (4x 500) 1.2TB SCSI (4x 300)	POWER SUPPLY	
BAYS		Power Supply Unit	380W w/ PFC 110/220V
5.25" Media Bays	3/ 2 (Total / Free)	VENTILATION	
3.5" Media Bays	1/0 (Total / Free)	Fan Specifications	Standard + Processor Air Duct
3.5" Fixed HDD Bays	4 x 1"	PHYSICAL SPECIFICATIONS	
3.5" HotSwap HDD Bays	4 x 1"	Size (WxDxH)	198W x 518D x 440H (mm)
		Weight	13-19Kg
		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 3.0/4.0 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 &	
		Regulatory Compliance	CE
		RECOMMENDED UPS	
			SU 1000 Option



Express5800/110Ej

The Cost Effective Entry Level Server

A Powerful Entry Server

Based on the latest Intel® chipset & processor technologies, the EXPRESS5800/110Ej Server is the complete solution for small organizations running basic file/print sharing or email applications. Powered by high performance Intel® Pentium®4 Single and Pentium®D Dual-Core processors operating on a high speed 800MHz Front Side Bus, it fully satisfies the computing requirements of professionals responsible for small workgroups, all at a very affordable price.

Room for Expansion

The EXPRESS5800/110Ej can support up to 8GB of DDR2 533MHz SDRAM with optional interleaving feature for memory intensive environments and offers a flexible choice between fixed or hotSwap HDDs and SATA-2 or U320 SCSI storage technologies with up to 2.0TB of internal capacity including RAID support. With flexible PCI configuration and 3x open media bays it provides plenty of room for future expansion.

Easy Set-Up & Manageability

To simplify the installation and manageability of the system, all NEC EXPRESS5800/110Ej servers are shipped with ExpressBuilder set-up and configuration software along with ESMPRO Server Manager Agent. Remote Management hardware and software is equally on option. Finally, mass deployment is made easy with the option for Microsoft Windows Server 2003 or Windows Small Business Server 2003 operating system preloads.

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