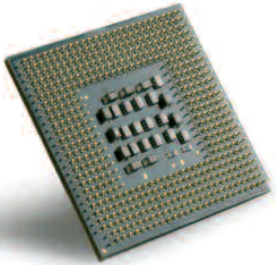


# NEC



**Performance**



**Flexibility**



**Manageability**

## NEC EXPRESS5800/120LI

- ⇒ **Scaleable 2-way Intel® Xeon Dual Core Architecture**
- ⇒ **Frequencies up to 3.0 GHz – 4MB L2 cache**
- ⇒ **Redundant Hot-Swap Power Supply and FANs**
- ⇒ **Powerful Remote Management card (IPMI 2.0) with embedded KVM over IP**
- ⇒ **Integrated Dual Gigabit Ethernet**
- ⇒ **Up to 8 Hot-swap SAS HDD's**
- ⇒ **Tower or 5U Rack-mount Option**

**The POWERFUL  
Departmental  
Server**

[www.nec-computers.com](http://www.nec-computers.com)

## NEC EXPRESS5800/120LI

### The POWERFUL Departmental Server

#### CHASSIS

Form Factor	Tower Optional 5U Rack Mount Kit
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#### PROCESSORS

Number of CPUs	Up to 2
Cache L2	4MB
Socket	LGA 771 Packaging
CPUs	Intel® Xeon™ 5100/5300 Series 1.6GHz to 3.0GHz

#### CHIPSET

Chipset	Intel® 5000P + ESB2E + ServerEngines Pilot
Front Side Bus	1066/1333MHz

#### MEMOIRE

Type	DDR2-533/667MHz ECCFB-DIMMs - 2-way interleaved – Mirroring – Sparing – Chipkill
Maximum Slots	Up to 48GB 12 DIMM Slots

#### STORAGE CONTROLLERS

Integrated SAS	1-ch EIDE Controller 8-Ports on board
RAID	Optional PCI Express ZCR RAID Controller / 128MB Optional PCI Express 8-ch RAID Controller / 256MB

#### STORAGE MEDIA

Hotswap Drives	Up to 4x (SAS) + 4x in option
SAS HDDs	36/73/146GB HS 15Krpm
FDD	Opt. 1.44MB FDD
Optical DD	16x EIDE DVD or DVD-RW

#### BAYS

5.25" Media Bay	3/2 (total / free)
Baies 3.5"	-
3.5" HDD HotSwap	4x 1" + 4x 1" Opt.

#### SLOTS

Total Slots	3x PCI-Express X8 (X8 Slots) 1x PCI-X 64bit/133MHz (3.3V) 1x PCI 32bit/33MHz PCI (5V)
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#### VIDEO

Video Controller	Embedded SVGA Controller 2MB VRAM Standard Optional PCI 16MB VRAM card
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#### NETWORK

Controller	2 ports Gigabit Ethernet
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#### SECURITY

2 Level Passwords	Yes
Front Door	Yes
Intrusion Detection	Yes

#### I/O PORTS

USB Ports	6x USB2 (2x Front + 2x Rear + 2x on M/B)
PS/2 Ports	1x Mouse + 1x Keyboard
Serial Port	2x DB9
Video Port	1x SVGA Video Port
Ethernet Ports	2x RJ45 Ethernet Ports + 1x RJ45 for dedicated System management

#### MANAGEMENT

Administration Soft.	ESMPRO
Contrôleur	Integrated Remote Management Chip Virtual DVD, KVM over IP (opt)

#### POWER SUPPLY

Hotswap PSU	730W PFC PSU
Redundant PSU Opt.	Redundant Model (1+1)

#### VENTILATION

Standard	3x Redundant HS Fans
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#### PHYSICAL SPECIFICATIONS

Environnemental	10 to 35°C, 20 to 80% RH
Weight	25 - 35 kg
Dimensions WxDxH	453 x 220 x 671mm

#### OS AND SOFTWARE

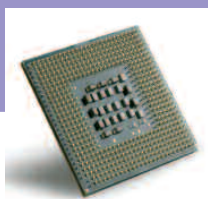
Setup & Configuration	ExpressBuilder
Certified OS	Windows 2003 Server RedHat Linux 4.0

#### WARRANTY

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

#### REGULATORY & SAFETY

Regulatory Compliance	CE / UL Compliant
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