



NEC SI1520



Performance

Flexibility

Simple to manage

The best value-price performance entry server

The perfect economical solution for SMBs

- Ideal solution for small and medium businesses who need an entry server for everyday applications (print, fax, file server, data backup or archiving applications).
- Delivers performance, flexibility at affordable price and designed to be easy to set up, run and troubleshoot for light applications.
- The NEC SI1520 integrates RAID5 via its integrated SATA controller ensuring even further data security without sacrificing its competitive positioning.
- “Microsoft System Center Essentials Suite” and “Syam System Area Management Made Simple™” compatible enabling optimised management of IT environments.

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IT SERVICES AND SOFTWARE

MOBILE/BROADBAND NETWORKING

COMPUTERS

SEMICONDUCTORS

IMAGING AND DISPLAYS

Empowered by Innovation

NEC

Hardware Specification

Performance

- 45nm Dual/Quad core Intel® Xeon 3100 & 3300 series CPU
- Up to 8GB of DDR-2 800 ECC
- Embedded Dual Gigabit Ethernet with Load Balancing/Teaming (ALB/AFT)
- Integrated RAID 5 technology (Windows Only)

Flexibility

- Up to 3TB disk capacity
- Supports up to 4x SATA or SAS HDDs
- Enhanced PCI Express connectivity (3 slots)
- 4x 5.25" media bays for expansion

Simple to manage

- Comprehensive Tape backup solutions
- Embedded IPMI 2.0 management board
- «Microsoft System Center Essentials Suite» «Sym System Area Management Made Simple™» compatible

DESIGN	Form Factor Tower 5U Rack Mount Kit
PROCESSORS	Quad-Core Intel® Xeon® Processor (3300 series) Dual-Core Intel® Xeon® Processor (3000 and 3100 series) Intel® Pentium® D processor (2000 series) No. of CPU 1 Cache L2 Up to 2x6MB
ARCHITECTURE	EM64T Supported Chipset Intel® 3210 + ICH9R FSB 800MHz/1333MHz
MEMORY	Type DDR2-800 ECC Min 1GB Max 8GB Slots 4 DIMM
STORAGE DEVICES	I/F SATA2 / SAS Max capacity SATA2 : 3TB (750GB x4) 7,2Krpm SAS : 1.2TB (300GB x4) 15Krpm Storage controller On-board : SATA2 6-channels Optional : SCSI U320 Adaptec29320LPE RAID On-board : SATA2 SW RAID 0, 1, 0+1, 5 Optional : Megaraid SAS 8708EM2 (128/256MB cache) Battery Backup Unit HotSwap Not supported
MEDIA	FDD Optional : external USB or internal FDD 3.5" 1.44MB ODD Optional : DVD, DVD RW
BAYS	Device Bays : 5.25" x4 3.5" x1 Disk Drive Bays : 3.5" 4 x1" (fixed)

* Please contact us to get Linux drivers that are not included in distribution

*1 Contact us to get latest test report

I / O SLOTS	Total : 5 slots Standard : PCI EXPRESS™ x8 : 2 PCI EXPRESS™ x4 : 1 PCI 32bit 5V 33Mhz : 2
VIDEO	Integrated graphic Engine 32MB
NETWORK	2 Gigabit Ethernet with teaming and load balancing support
I / O PORTS	Keyboard x1, Mouse x1, VGA video x1 USB2.0 x5 (2x front + 2x rear + 1x internal), Serial x1, RJ-45 x2 Optional : 1x parallel (ECP/EPP 25 pin) + 2x serial port PCI card
POWER SUPPLY	Standard : 1, fixed Maximum power consumption : 400W Dissipation : 1365 BTU per Hour (max)
COOLING FAN	Standard : 2 fixed
MANAGEMENT	Embedded IMPI 2.0 Management Controller Management software : Optional "Sym System Area Management Made Simple™" and "Microsoft System Center Essentials Suite" Configuration software : ExpressBuilder
SECURITY	2 Level Passwords : yes Front Door : no Intrusion Detection : no
PHYSICAL SPECIFICATIONS	Dimensions (mm) : 425W x 198D x 465H Weight : 11kg (standard), 15kg (max)
SUPPORTED OS	Windows Server™ 2003 R2 SP2 (x64, x86) Red Hat® Linux™ EL 4.5 and EL 5.1 (*)
ADDITIONAL TESTED OS *1	Fedora, Debian Mandriva CS 4.0 Novell Suse SLES 10 (*)
WARRANTY	Standard : 1 year on-site 3 years on-site Extensions : 4 Hour Response 1 year Repair Time Commitment On-site installation

