

NEC Storage E Series



**Entry class storage with large capacity
and reasonable price.**

NEC Storage E Series is for the cost-conscious customers who have large amount of data.

Low Cost

- High performance and high reliability with reasonable price.
- Low cost SAN with iSCSI model.

Easy Installation

- Easy setup by wizard.
- iSCSI model can be connected to existing LAN.

Flexibility

- Upgradeable from 1 controller model to 2 controller model.
- Start with 4 drives and expandable to 60 drives.

Easy Management

- Software of Storage Management and Path Failover is included.
- Browser based, simple management window.

Features of NEC Storage E Series

- **Combination of 12 SAS or SATA drives per enclosure.**
SAS drives of high performance and SATA drives of large capacity can be mixed in an enclosure.
- **Dynamic reallocation of the data.**
RAID level and the type of disk drives can be changed without changing the server setting.
- **Path Failover**
By duplicating the host path, the access can be switched to the other path when one path fails.
- **Redundancy of the main components**
Main components such as power supply and fan are duplicated to achieve high availability.
- **High scalability**
Logical disks can be expanded non-disruptively.
- **Cache destage**
Write cache data can be written in the disk drives when blackout happens.
- **Easy operation by GUI**
The information of the storage and operation can be shown by GUI.

Specification

Model		NEC Storage E1	
Cabinet Configuration		Single Controller	Dual Controller
		Up to 12 disk drives can be installed in a Base Unit.	Up to 4 Disk Enclosures can be connected to Base Unit. Up to 12 disk drives can be installed in a Base Unit or Disk Enclosure.
Host Interface ^{*1}		iSCSI (Max. 1Gbps) or Fibre Channel (Max. 4Gbps)	
Host Port		2 ports	4 Ports
Cache Memory Capacity		1GB	2GB
RAID Level		RAID-1, 3, 5, 6, 10	
Disk Drive	Disk Interface	SAS/SATA (Max. 300MB/s)	
	Capacity	SAS	147GB, 300GB, 450GB (15,000rpm)
	Rotation Speed	SATA	750GB, 1TB (7,200rpm)
Number of Disk Drives		4-12	4-60
Max. Storage Capacity ^{*2}		12GB	60TB
Supported OS ^{*3*}		Microsoft Windows Server 2003, Microsoft Windows Server 2008, Red Hat Enterprise Linux, VMware	
Cabinet Dimension (WxDxH)	Base Unit	482x540x86.5mm (2U)	482x540x86.5mm (2U)
	Backup Battery ^{*5}	-	482x651x43.3mm (1U)
	Disk Enclosure	-	482x540x86.5mm (2U)
Weight	Base Unit	31kg or less	31kg or less
	Backup Battery ^{*5}	-	26kg or less
	Disk Enclosure	-	29kg or less
Power Requirements		AC100-240V Single Phase 50/60Hz	
Power Consumption ^{*6}		450W	530-1,970W

*1 iSCSI and Fibre Channel interface cannot be mixed in a unit.

*4 For the current information, please contact NEC.


*2 Calculated on "1GB=1,000,000,000B" basis.

*5 Dual controller model must have a backup battery.

*3 There might be some restrictions on the OS when connecting disk array.

*6 Power consumption of dual controller model includes that of backup battery.

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	Safety notice	Before using this product, please read carefully and comply with the cautions and warnings in manuals such as User's Manual and Installation Manual. Incorrect use may cause a fire, electrical shock or injury.
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For further information, please contact:

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Specifications and designs in this catalog are subject to change for improvement without notice.