Empowered by Innovation

NEC

Fibre Channel Switches

NEC Storage WB Series

Integrate your storage with SAN*.
NEC's Fibre Channel switches enable flexible system expansion and integration.

Fibre Channel switches

WB6510

**WB340A/WB330A/
WB310A**

WB6505

*SAN: Storage Area Network

Major features of WB Series

Zoning

If a storage device is being shared by servers in different OS environ-ments, a WB Series Fibre Channel switch can be used to group (zone) that storage device with its servers to prevent data loss. The WB Series switch renders devices in other zones unrecognizable, thereby maintaining data security.

Cascade connection

The number of switch ports can be increased by connecting multiple switches to each other. For the NEC Storage WB Series, up to four switches can be connected. This increases the number of ports to 84 for WB6505, and to 180 for WB6510.
WB Series Fibre Channel switches can also be cascade-connected to a SIGMABLADE 8G FC switch.

*This feature is only supported by WB6510 and WB6505.

Fibre Channel switches

WB6510/WB6505 : High-availability Fiber Channel switches for enterprise SAN

WB340A/WB330A/WB310A : Switches for small-scale SAN. These switches can be connected to various types of servers.

Fibre Channel switch							
Model	WB6510-048	WB6510-036	WB6510-024	WB6505-024	WB6505-012	WB340A	WB330A	WB310A
Data transfer rate	Non-blocking, full duplex, max. 800 MB/s with 8G-compatible SFP installed, max. 1600 MB/s with 16G-compatible SFP installed					Non-blocking, full duplex, max. 800 MB/s with 8G-compatible SFP installed		
Number of ports	48	36	24	24	12	24	16	8
Port type	Universal port (F and E ports), automatically recognized					Universal port (FL and F ports), automatically recognized		
	No limitation on the number of E ports.					E port is not supported.*1		
Media type	Short-wavelength laser, OM3 FC cable, max. 150 m (8 Gbps) / 100 m (16 Gbps)					Short-wavelength laser, max. 150 m (4 Gbps) / 50 m (8 Gbps)		
	Short-wavelength laser, OM2 FC cable, max. 50 m (8 Gbps) / 35 m (16 Gbps)							
Availability	Redundant power supplies and fans			When extended: Redundant power supplies and fans		Single power supply and redundant fans		
Features	Simple name server, zoning, NPIV							
Dimensions (W x D x H) (mm)	19-inch standard rack 1U (437 x 444 x 43)					19-inch standard rack 1U (429 x 307 x 43)		
Weight (kg)	9.16 (Not including SFP)			7.82 (standard), 9.16 (extended) (Not including SFP)		4.7 (Including SFP)	4.5 (Including SFP)	4.3 (Including SFP)
Power voltage	AC 100 to 240 V, single phase, 50/60 Hz							
AC lines	2			Standard: 1 Extended: 2		1		
Maximum power consumption (W)	110			80		57		

*1: WB340A, WB330A and WB310Ado not support cascade connection.

Environmental compliance

● **RoHS Compliance**

This product complies with the European Union's directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

⚠ Safety notice | Before you use this product, please read carefully and comply with the cautions and warnings in manuals such as Installation Guide and Safety Precautions. Incorrect use may cause a fire, electrical shock or injury.

For further information, please contact: