

Fibre Channel Switches

NEC Storage WB Series

Integrate your storage with SAN*.

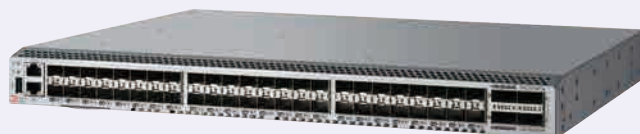
NEC's Fibre Channel switches enable flexible system expansion and integration.

*SAN: Storage Area Network

Fibre Channel switches



WB6510



WBG620



WB6505



WBG610

Major features of WB Series

Zoning

If a storage device is being shared by servers in different OS environments, 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 connection multiple switches to each other. For NEC WB6510 and WB6505, up to four switches can be connected. This increases the number of ports to 180 for WB6510, and to 84 for WB6505. For WBG620 and WBG610, up to five switches can be connected. This increases the number of ports to 224 for WBG620, and to 104 for WBG610.

Fibre Channel switches

WB6510 : High-scalability and high-availability 16G fibre channel switches for enterprise SAN

WB6505 : High-availability 16G fibre channel switches for low-end SAN

WBG620: High-scalability and high-availability 32G fibre channel switches for enterprise SAN

WBG610 : 32G fibre channel switches for low-end SAN

Fibre Channel Switches											
Model	WB6510-048	WB6510-036	WB6510-024	WB6505-024	WB6505-012	WB620-048	WBG620-036	WBG620-024	WBG610-024	WBG610-016	WBG610-008
Date 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. 1600 MB/s with 16G-compatible SFP installed, max. 3200 MB/s with 32G-compatible SFP installed					
Number of ports	48	36	24	24	12	48	36	24	24	16	8
	SFP: not installed					32G SFPs: fully installed			16G SFPs: fully installed		
Port type	Universal port (F and E ports), automatically recognized										
	No limitation on the number of E ports										
Media type	Short wavelength laser, OM3 FC cable, maximum of 150m(8Gbps) / 100m(16Gbps) Short wavelength laser, OM2 FC cable, maximum of 50m(8Gbps) / 35m(16Gbps)					Short wavelength laser, OM3 FC cable, maximum of 150m(8Gbps) / 100m(16Gbps) / 70m(32Gbps) Short wavelength laser, OM2 FC cable, maximum of 50m(8Gbps) / 35m(16Gbps) / 20m(32Gbps)					
Number of cascades	Up to 4					Up to 5					
Fibre channel specification	FC-PH, FC-SW, FC-GS, FC-FS etc.										
Service class	Class 2, Class 3, Class F										
Fabric service	Simple name server, zoning, NPIV										
Management port	Serial port (RJ-45), LAN port (RJ-45, 10/100Mbps)					Serial port (RJ-45), LAN port (RJ-45, 10/100/1000Mbps)					
Monitoring report	SNMP v1/v3, industrial standard MIB										
Availability	Redundant power supplies and fans			Redundant power supplies and fans as option		Redundant power supplies and fans			Single power supply and redundant fans		
Dimensions (W x D x H) (mm)	19-inch standard rack 1U (437 x 444 x 43)					19-inch standard rack 1U (440 x 355.6 x 43.9)			19-inch standard rack 1U (429 x 307 x 43)		
Weight (kg)	9.16		7.82(Base unit only) 9.16(Including option)			8.93	8.63	8.33	5.75	5.60	5.45
	Not including SFP					Including SFP					
Power Voltage	AC 100 to 240 V, 50 / 60 Hz										
Maximum power consumption (W)	110			80		190			77		
Operating temperature and humidity	Temperature: 0 to 40 degrees C, Humidity: 10 to 85 percent (no-condensing)										

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 User's Guide and Installation Guide. Incorrect use may cause a fire, electrical shock or injury.

For further information please contact your local NEC representative or:

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