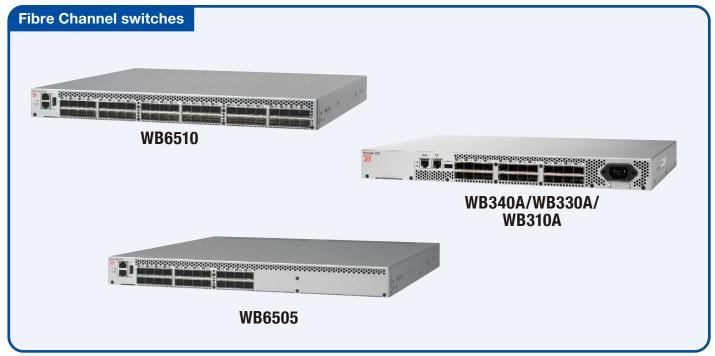


Fibre Channel Switches

NEC Storage WB Series

Integrate your storage with SAN*.

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



*SAN: Storage Area Network

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 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: R supplies a | | | | | 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) | | FP) | 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 | | | 3 | 30 | 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).

• All products, brands, and trade names used in this document are trademarks or registered trademarks of their respective holders

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:

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

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