

Data Sheet

Fujitsu PRIMERGY BX SAS Switch 6Gbit/s 18/6

Easy to handle and affordable SAS infrastructure for PRIMERGY BX Blade Server environments.

PRIMERGY BX SAS Switch 6Gbit/s 18/6

The Fujitsu CB SAS Switch 6Gb 18/6 for the PRIMERGY BX Blade Servers is an integral part of the SAS storage solution, providing a straight forward architecture for chassis internal and external storage resources. The SAS Connection Blade is the connecting part between the SAS mezzanine card in the server blades and the PRIMERGY SX980 storage blade(s) in the PRIMERGY BX Blade Servers. All these connections are realized with 18x SAS 2.0 links via the midplane. The CB SAS additionally provides six SAS 2.0 connections to external tape devices or storage subsystems. PRIMERGY BX Blade Server administrators now have a simple and cost-sensitive in-rack SAS storage solution that's ideal for growing capacity requirements without the need to coordinate storage requirements with SAN administrators.



Features & Benefits

Main Features	Benefits
Flexibility for dedicated storage <ul style="list-style-type: none">■ Connecting part between the PRIMERGY SX980 in the blade chassis or external storage subsystems and BX9xx server blades, with support of SAS zoning.	<ul style="list-style-type: none">■ SAS port mapping for flexible, exclusive disk assignment to blades of internal and up to 6 external storage systems and tape devices.
Easy SAS connectivity <ul style="list-style-type: none">■ Management via Management Blade (MMB) and/or via SAS switch Web GUI (ServerView integration).	<ul style="list-style-type: none">■ Centralizes control and reduces storage management cost.■ Management tools and software included in the price.
High availability and path failover <ul style="list-style-type: none">■ Integrated SAS multi-path and switch failover capabilities (in HW, no drivers), when two - redundant - switches are deployed.	<ul style="list-style-type: none">■ Hot plug enabled for uninterrupted operation when failed switch is exchanged.
Richness of connectivity <ul style="list-style-type: none">■ 18x SAS 2.0 internal port to midplane■ 6x SAS 2.0 external port	<ul style="list-style-type: none">■ Scaling with a large number of internal and external ports.

Technical details

PRIMERGY BX SAS Switch 6Gbit/s 18/6

Connection type	SAS Connection Blade 6 Gb SAS Switch SFF8088 connectors for external ports included
Supported system units	PRIMERGY BX400 S1, PRIMERGY BX900 S1, PRIMERGY BX900 S2
Max. number per BX unit	2
Supported Server Blades	all PRIMERGY BX9xx and BX25xx Server Blades
Supported Mezzanine Cards	PRIMERGY BX SAS HBA Mezz Card 6 Gbit/s PRIMERGY BX SAS RAID Mezz Card 6 Gbit/s

Interfaces

Down-link ports	18 x 6 Gbit/s SAS
Up-link ports	6 x 6 Gb SAS (SFF8088)

Technical specifications

Performance	Bandwidth: 6 Gbps per SAS port
Management	managed by the Standalone WebServer on the CB SAS itself via Management Blade of the chassis
User interface	Command Line Interface (CLI) Web-based management

Dimensions / Weight

Dimensions (W x D x H)	192.6 x 267.9 x 27.9 mm
Weight	1.35 kg

Environmental compliance

Temperature note	See corresponding PRIMERGY BX System Unit
------------------	-------------------------------------------

Electrical values

Active power (max. configuration)	50 W
Heat emission (max. configuration)	180.0 kJ/h (170.6 BTU/h)

Compliance

Germany	GS
Europe	CE Class A *
USA/Canada	CSA us CSA c
Global	CB RoHS WEEE
Japan	VCCI:V3 Class A + JIS 61000-3-2
Taiwan	BSMI

Compliance notes	In combination with corresponding PRIMERGY BX system unit There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request. * Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Compliance link	https://sp.ts.fujitsu.com/sites/certificates
-----------------	---------------------------------------------------------------------------------------------------------

More information

Fujitsu platform solutions

In addition to Fujitsu PRIMERGY BX SAS Switch 6Gbit/s 18/6, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu PRIMERGY BX SAS Switch 6Gbit/s 18/6, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://www.fujitsu.com/fts/products/computing/servers/primergy/blades/connection/cb-pmod-90422.html>

Fujitsu green policy innovation

Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see http://ts.fujitsu.com/terms_of_use.html

Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

CONTACT

FUJITSU LIMITED

Address: x-xx-x, street, city, state, ZIP code, country

Phone: xx-xxxx-xxxx

Fax : xx-xxxx-xxxx

Email: xxx.xxxxx@xx.fujitsu.com

Website: [http://\[country\].fujitsu.com](http://[country].fujitsu.com)

2019-03-25 CE-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see http://ts.fujitsu.com/terms_of_use.html

Copyright © Fujitsu Technology Solutions