

# Data Sheet

## Fujitsu PRIMERGY SX910 S1 Storage Blade Tape

### Easy and fast data backup

---

PRIMERGY SX storage blades are installed together with PRIMERGY server blades in the PRIMERGY BX chassis. The introduction of storage blades is a simple and low-priced way to consolidate servers. Above all, small and medium-sized companies usually have rack and tower servers which offer a high degree of capacity regarding local hard disks. The use of storage blades equipped with tape drives is a simple and quick method to backup system data locally. Having local access to large amounts of data is often necessary, for example, in the world of computer-aided engineering (CAE), where smaller local workgroups have to access and create very large models. Examples for using storage blades are operation within limited environments as a file server or for Microsoft® SharePoint portals.

#### **PRIMERGY SX910 S1**

The PRIMERGY SX910 S1 Storage Blade Tape module can be used to archive and backup local data in the PRIMERGY BX400 and 900 system units.

The SX910 S1 Storage Blade Tape can be equipped with one LTO tape drive. It requires a blade slot in the PRIMERGY blade enclosure. The built-in tape drive is operated via an integrated SAS Controller. It can be connected to a BX9xx Server Blade which is located directly left to it.



# Features and Benefits

---

Main Features	Benefits
<p><b>Up to 4/6 times per PRIMERGY BX400/BX900</b></p> <ul style="list-style-type: none"><li>PRIMERGY SX910 S1 offers space for one tape drive; up to 6 Storage Blades Tape per system unit can be used</li></ul>	<ul style="list-style-type: none"><li>Several server blades in a blade chassis may execute fast, direct archiving and backup of their local data.</li><li>No additional cabling thanks to the direct connection to server blades via the high-performance midplane, no need for additional tape drive controller slots in server blades.</li><li>Flexible through selection option for tape drive technology according to the specific project requirements, and thus investment protection</li><li>Choice between medium to high data throughput, future-proof, fault-tolerant, robust</li></ul>
<p><b>Fast exclusive connection to the server blade</b></p> <ul style="list-style-type: none"><li>Midplane connection via PCIe x4 interface</li></ul>	
<p><b>Multiple LTO generations</b></p> <ul style="list-style-type: none"><li>Support of LTO-3, LTO-4 and LTO-5 tape drives</li></ul>	
<p><b>Top performance thanks to top technology</b></p> <ul style="list-style-type: none"><li>LTO-3 / LTO-4 / LTO-5 HH SAS technology</li></ul>	

# Technical details

## Enclosure

Type	Storage extension unit for BX92x S1 Server Blade
Storage architecture	Direct Attached Storage (DAS)
Status LEDs	Power (green)

## Backup Drives

LTO3HH Ultrium, 400 GB, 60 MB/s, half height, SAS 3Gb/s
LTO4HH Ultrium, 800 GB, 120 MB/s, half height, SAS 3Gb/s
LTO4HH Ultrium, 800 GB, 120 MB/s, half height, SAS 6Gb/s
LTO5HH Ultrium, 1500 GB, 140 MB/s, half height, SAS 6Gb/s

## RAID Controller

Integrated RAID 0/1 Ctrl., SAS/SATA 3 Gb, 4 ports int. RAID level: 0, 1, 1E, no BBU support (based on LSI 1064e)
---

## Dimensions / Weight

Dimensions (W x D x H)	45 x 500 x 210 mm
Weight	4.1 kg
Weight notes	Actual weight may vary depending on configuration

## Environmental

Temperature note	In accordance with the corresponding PRIMERGY BX900 System Unit
Operating environment	FTS 04230 Guideline for Data Center (installation locations)
Operating environment Link	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe">http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe</a>

## Compliance

Germany	GS
Europe	CE Class A *
Global	CB RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)

## 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

<http://sp.ts.fujitsu.com/sites/certificates/>

## More information

### Fujitsu platform solutions

In addition to Fujitsu PRIMERGY SX910 S1, 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/services/computing/](http://www.fujitsu.com/global/services/computing/)

#### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about Fujitsu PRIMERGY SX910 S1, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://ts.fujitsu.com/Primergy>

### Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



### 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](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

Website: [www.fujitsu.com](http://www.fujitsu.com)  
2011-10-27 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](http://ts.fujitsu.com/terms_of_use.html)  
Copyright © Fujitsu Technology Solutions