

# Data Sheet

## FUJITSU D2607 SAS/SATA RAID controller

D2607 SAS 6Gb/s based on LSI MegaRAID® for internal storage devices

The RAID concept (Redundant Array of Independent Disks) refers to several independent hard disks which form a large logical drive when switched together.

Redundancy information is calculated from several data blocks (except for RAID 0) and saved distributed to the individual hard disks. Your operating system no longer accesses the individual hard disks, but the array.

The actual objective of the RAID concept is to increase availability and prevent downtimes in the event of a hard disk failure. However, the theoretical security of the RAID concept is only as good as the RAID controller used. Benefit from the Fujitsu RAID controllers where technology, experience and practical implementation all ensure the security that your company needs in the event of an emergency.

and cost efficiency that you have been searching for – the Fujitsu D2607 RAID controller.



### D2607 SAS/SATA RAID controller

The Fujitsu D2607 SAS/SATA RAID controller, based on the LSI SAS2008, offers small businesses exactly the low-cost data safety unit which they have been looking for.

The D2607 enables increased read/write performance thanks to its RAID 0, 1 and 10 implementation.

Benefit from the close alignment of the RAID hardware system and the ServerView® RAID Manager software which offers fast initialization for quick array setup.

Enjoy the world of easy configuration – and time

Main Features	Benefits
<ul style="list-style-type: none"> <li>■ 6Gb/s SAS ports PCI Express® 2.0 x8</li> <li>■ LSI SAS2008 6Gb/s</li> <li>■ Increased Read/Write performance</li> <li>■ Data protection</li> </ul>	<ul style="list-style-type: none"> <li>■ Connect up to 16 HDDs</li> <li>■ RAID levels 0 and 1 for more data security</li> <li>■ RAID spans 10</li> <li>■ Auto resume after loss of system power during array rebuild or reconstruction</li> <li>■ Seamless merging of the RAID management into system management</li> </ul>
<ul style="list-style-type: none"> <li>■ User Management Options</li> </ul>	

# Technical details

## Technical details

<b>Controller Silicon</b>	LSI SAS2008
<b>Controller type</b>	RAID 0/1 Ctrl.
<b>Operating system pre-installed</b>	Information to released operating systems can be found in the server datasheets. Details can be found in the released drivers list on the support portal.
<b>Released drivers list link</b>	<a href="http://support.ts.fujitsu.com/Download/Index.asp">http://support.ts.fujitsu.com/Download/Index.asp</a>
<b>Number of ports</b>	8 ports int. 8 ports ext.
<b>Connector internal</b>	2x SSF-8087
<b>Data transfer rate up to</b>	6 Gbit/s
<b>Bus interface</b>	PCIe 2.0 x8
<b>RAID Management</b>	ServerView RAID Manager MegaCLI (command-line interface) WebBIOS
<b>Key RAID Data Protection Feature</b>	RAID levels 0, 1 RAID spans 10 Online RAID Level Migration (RLM) Auto resume after loss of system power during array rebuild or reconstruction Configurable stripe size up to 64KB Fast initialization for quick array setup Check Consistency for background data integrity - Make Data Consistent (MDC) Patrol read for media scanning and repairing 16 logical drive support Configuration on Disk (COD) S.M.A.R.T support
<b>RAID level</b>	0, 1, 10
<b>RAID cache backup unit</b>	No BBU support
<b>Interface technology</b>	SAS/SATA

Order code	Product Name	Number of Connectors	Related product
S26361-F3554-E8	RAID Ctrl SAS 6G 0/1 (D2607)	2	PRIMERGY Server
S26361-F3554-L8	RAID Ctrl SAS 6G 0/1 (D2607)	2	PRIMERGY Server
S26361-F3976-L2	RAID Ctrl SAS 6G 0/1 (D2607)	2	CELSIUS Workstation

## Compliance

<b>Compliance notes</b>	According to the corresponding system
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

# More information

## Fujitsu products, solutions & services

In addition to Fujitsu with D2607 SAS/SATA RAID controller, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

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

## More information

Learn more about FUJITSU Server D2607 SAS/SATA RAID controller, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/primergy](http://www.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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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