

# DATASHEET

## 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 when switched together form a large logical drive. 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 in which technology, experience and practical implementation all ensure the safety that your company needs in the event of an emergency.



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

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> <li>■ User Management Options</li> </ul>	<ul style="list-style-type: none"> <li>■ Connect up to 8 HDDs (in future also up to 20 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>

# TECHNICAL DETAILS

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<b>Controller type</b>	Integrated RAID 0/1 Ctrl
<b>Controller Silicon</b>	LSI SAS2008
<b>Interface technology</b>	SAS/SATA
<b>Data transfer rate up to</b>	6 Gb
<b>BBU Support</b>	no BBU support
<b>Number of ports</b>	8 ports int.
<b>Number of Connectors</b>	2
<b>Connector internal</b>	SSF-8087
<b>Bus type</b>	PCIe 2.0
<b>Bus width</b>	x8
<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 Management</b>	ServerView RAID Manager MegaCLI (command-line interface) WebBIOS
<b>Supported operating systems</b>	Microsoft® Windows Server® 2003 R2 Microsoft® Windows Server® 2008 Microsoft® Windows Server® 2008 R2 Red Hat Enterprise Linux Novell SUSE Linux Enterprise Server
<b>COMPLIANCE</b>	
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

#### FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu 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.

#### 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 D2607 SAS/SATA RAID controller, 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/>



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