Data Sheet

Fujitsu PRAID CP400i - 8 port 12Gb/s SAS, 6Gb/s SATA

PRAID CP400i - 8 port 12Gb/s SAS, 6Gb/s SATA MegaRAID based on LSI SAS 3008

The RAID architecture (Redundant Array of Independent Disks) combines multiple storage devices, including hard drives and NVMe devices, into a single logical unit. Redundancy data is generated from data segments (barring RAID 0) and distributed across the devices. Consequently, operating systems interact with this collective array rather than the individual devices. The core purpose of RAID is to enhance data availability, reducing potential disruptions from storage devices failures. The effectiveness of a RAID setup largely depends on the RAID controller in use.
Choose Fujitsu RAID controllers for a blend of modern technology and proven experience, providing the data protection that businesses need today.

PRAID CP400i - 8 port 12Gb/s SAS, 6Gb/s SATA

The Fujitsu PRAID CP400i SAS/SATA controller card based on the LSI SAS3008 allows latest RAID technology at affordable prices with low power consumption. The PRAID CP400i MegaRAID entry controller card offer users a straight-forward solution that includes essential RAID levels and uncomplicated configuration options.
The PRAID CP400i enables to connect to combinations of SATA and SAS hard disk drives and SSD solid state drives, allowing for storage configurations that optimize cost, performance and robust data protection. The CP400i enables increased read/write performance thanks to its RAID 0, 1, 10, 5, 50 implementation. The RAID5 performance of CP400i is suitable for entry requirements. Higher performance is provided by PRAID EP400i and EP420i with 1GB and 2GB Write Back cache.

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 the time and cost efficiency that you have been searching for.



Main Features	Benefits
Number of supported drives	
■ 12Gb/s SAS ports	■ Connect up to 8 SAS / SATA devices (SSD, HDD)
RAID levels	
■ LSISAS3008 12Gb/s	■ RAID levels 0, 1, 10, 5, 50 for more data security
Scalable performance	
■ PCIe 3.0 x8 (backward compatible to PCIe 2.0)	■ Extends the PCIe data rates up to 8.0 GT/s per lane
Simplified management	
■ User RAID Management	■ Fully supported by PRIMERGY ServerView RAID Manager

Technical details

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Controller Silicon	LSI SAS3008
Adapter Type	RAID Ctrl.
Released drivers list link	http://support.ts.fujitsu.com/Download/Index.asp
Number of ports	8 ports int.
Connector internal	2x SFF8643 (Mini-SAS HD)
Data transfer rate up to	12 Gbit/s
Bus interface	PCIe 3.0 x8
RAID Management	Fully supported by PRIMERGY ServerView RAID Manager (AURA) for RAID management
Key RAID Data Protection Feature	RAID levels 0, 1, 10, 5, 50 RAID Level Migration (RLM) Auto resume after loss of system power during array rebuild or reconstruction Fixed stripe size of 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
RAID level	0, 1, 1E, 10, 5, 50
RAID cache backup unit	No FBU support
Interface technology	SAS/SATA

Order code	Product Name	Height of bracket	Number of Connectors	Related product
S26361-F3842-E1	PRAID CP400i	Matching to system	2	PRIMERGY Server

Compliance

Compliance notes	According to the corresponding system
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

More information

Fujitsu products, solutions & services

In addition to Fujitsu with PRAID CP400i - 8 port 12Gb/s SAS, 6Gb/s SATA , 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
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More information

Learn more about Fujitsu PRAID CP400i - 8 port 12Gb/s SAS, 6Gb/s SATA , please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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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