FUJITSU

Data Sheet
FUJITSU PRIMERGY SX05 S1 SAS Server

Data backup in racks: easy, cost-optimized and central with minimum space requirements

The requirements for scalable capacities is increasing due to legal specifications and applications such as e-commerce, web server, e-mail server and graphics data processing (CAD, CAE), and also due to classic multi-tier ERP applications. Such data is the basis for your company. The innovative PRIMERGY storage subsystems for backup devices from Fujitsu Technology Solutions offer high quality, availability and user-friendliness. PRIMERGY backup systems make data backup easy, reliable and cost-effective. A wide range of supported backup devices with SAS or USB interfaces make this storage subsystem an individual, flexible solution for use in rack systems and high-availability environments.

The PRIMERGY backup subsystems meet the increasing requirements for storage capacity for archiving and data backup in data centers and can be used wherever medium to large data quantities have to be saved. PRIMERGY storage subsystems from Fujitsu Technology Solutions ensure this basis for your company.

PRIMERGY SX05 S1 SAS
The PRIMERGY SX05 S1 backup subsystem is a cost-efficient solution for external backup drives with minimum space requirements (1U). The PRIMERGY SX05 S1 backup subsystems offer space for backup devices that are directly connected to the server. The backup subsystem is available with 6 GB/s SAS interfaces, it also support 3Gb/s LTO devices. The PRIMERGY SX05 S1 backup subsystem consolidates data backup in 19-inch rack environments and can accommodate up to two 5.25-inch backup devices.

The PRIMERGY SX05 S1 backup subsystem is released for the PRIMERGY tower and rack servers, PRIMEQUEST and the PRIMERGY blade servers with SAS HBA for external drives. The PRIMERGY SX05 S1 backup subsystem can be equipped with the following backup devices: the SAS versions LTO3HH, LTO4HH, LTO5HH and LTO6HH.

Main Features	Benefits
■ High density form factor - 1 U Rack-mount	■ The high density form factor allows the customer to consolidate external storage on small footprint.
■ Available in two different versions: with an SAS connection or a USB connection	■ High availability through individual switchover and replacement of a backup device.
■ Available with an SAS connection	■ Also enables optimal and individual data backup for servers which have no internal backup drive
■ The SX05 SAS enclosure supports SAS tape drives	■ The SAS enclosure supports up to two SAS tape drives and provides up to 6 TB of storage capacity (assuming 2:1 compression) using two LTO-5 HH Ultrium 3000 drives.

Technical details

Accessories

	LTO-3 HH	LTO-4 HH V2	LTO-5 HH	LTO-6 HH
	400 GB (uncompressed) / 800 GB (compressed)	800 GB uncompressed / 1,600 GB compressed	1,500 GB uncompressed / 3,000 GB compressed	2,500 GB uncompressed / 6,250 GB compressed
	64 MB	128 MB	256 MB	512 MB
	60 MB/s (uncompressed), 120 MB/s (compressed)	120 MB/s (uncompressed), 230 MB/s (compressed), Variable 31 - 120 MB/s (LTO4 uncompressed)	140 MB/s (uncompressed), 280 MB/s (compressed), Variable 47 to 140 MB/s (LTO5 uncompressed)	160 MB/s (uncompressed), 400 MB/s (compressed), Variable 47 to 140 MB/s (LTO5 uncompressed)
	Ultrium 1,2,3	Ulrium LTO4	Ultrium LTO5	Ultrium LTO6
	SAS 3Gb/s	SAS 6Gb/s	SAS 6Gb/s	SAS 6Gb/s

General system information

	Two 5.25" half height
	SAS (6 Gbit/s, 3 Gbit/s)

Dimensions / Weight

Dimensions (W x D x H)	428.8 x 641.4 x 43.2
Height Unit Rack	1 U
Weight	8.07 Kg (depending on configuration; without backup drives)

Environmental compliance

Noise emission	Measured according to ISO 7779 and declared according to ISO 9296

Power supply configuration

Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	47 Hz - 63 Hz
Rated current max.	2.4A at 120V
Active power (max. configuration)	140 W
Heat emission (max. configuration)	504.0 kJ/h (477.7 BTU/h)
Power supply notes	Values depending on type and quantity of used backup drives.

Product

Europe	EN CE
USA/Canada	FCC Class A CSAc/us ULc/us
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Japan	VCCI Class A
Australia/New Zealand	C-Tick
Taiwan	BSMI
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

More information

Fujitsu products, solutions & services

In addition to FUJITSU Server PRIMERGY SX05 S1 SAS, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built 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 offerings. This allows customers to select 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/

Software

www.fujitsu.com/software/

More information

Learn more about FUJITSU Server PRIMERGY SX05 S1 SAS, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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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