Fsas Technologies
a Fujitsu company

Data Sheet
PSAS CP400i SAS Controller

PSAS CP400i, 8-port, 12Gb/s SAS+SATA PCIe Host Bus Adapter

The SAS / SATA technology offers a performance improvement over traditional SCSI connections. Serial Attached SCSI (SAS) and Serial ATA (SATA) are point-to-point serial peripheral interfaces in which controllers are linked directly to disk drives. This technology supports full-duplex signal transmission up to 12Gb/s.
SAS devices can communicate with both SAS and SATA devices. A key difference between SAS and SATA devices is, that SAS devices can have two data ports, of which each resides in a different SAS domain. This enables complete failover redundancy. If one path fails, there is still communication along a separate and independent path.

PSAS CP400i
The PSAS CP400i, eight port SAS/SATA host bus adapter provides increased connectivity and maximum performance for high-end servers and applications within internal storage. Performance is based on the LSI SAS3008 IO controller, integrating the latest enhancements in SAS and PCI Express 3.0 technology.

The PSAS CP400i provides two x4 internal SFF8643 (Mini-SAS HD), enabling a low profile solution that can achieve over 1 million IOPs. The PSAS CP400i adapter is backwards compatible with previous SAS and PCI generations through automatic negotiation and provides SAS data transfer rates of 12, 6 and 3Gb/s per lane and SATA data transfer rates of 6 and 3Gb/s per lane.

There is also an order option with separate order code for LTO which is otherwise functionaly identical.

Features & Benefits

Main Features	Benefits
Supported protocols ■ 12Gb/s data transfer rate per port	■ 12Gb/s SAS connectivity eases integration and broadens application by supporting legacy speeds and the SATA protocol
Storage performance ■ Two x4 internal SFF8643 (Mini-SAS HD) connectors	■ Doubles the performance of previous generation SATA+SAS HBAs
Scalable performance ■ 1,000,000 I/Os per second	■ LSI SAS3008 IO Controller's Fusion-MPT™ 2.0 architecture can achieve more than 1,000,000 I/Os per second
Form-factor ■ MD2 low profile form-factor design	■ MD2 form factor ideal for 1U and 2U server

Features & Benefits

Technical details

PSAS CP400i

Power consumption

Formfactor	Low profile
Height of bracket	Full Height / Low Profile

Environment

Temperature (operating)	0 - 55 °C
Storage temperature	-45 - 105 °C

Compliance

Compliance link	https://sp.ts.fujitsu.com/sites/certificates
Compliance notes	According to the corresponding system
Product Model name	
Connection type	

Warranty

Manufacturer warranty period	3 years

Product Support - the perfect extension

Support Pack Options	Globally available in major metropolitan areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time (depending on country) 24x7, 4h Onsite Response Time (depending on country)
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Weblink	https://www.fujitsu.com/emeia/support/

More information

Fsas Technologies products, solutions & services

In addition to PSAS CP400i, Fsas Technologies provides a range of platform solutions. They combine reliable Fsas Technologies products with the best in services, know-how and worldwide partnerships.

Fsas Technologies Portfolio
Built on industry standards, Fsas Technologies offers a full portfolio of datacenter hardware, software and related services. This allows customers to select alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Data Center Solutions
https://www.fsastech.com/en-eu/

More information

Learn more about PSAS CP400i, please contact your Fsas Technologies sales representative or 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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