

Data Sheet

Intel® PCIe-SSD P3700 Series

Accelerate the performance of I/O intensive applications

PCIe-SSD P3700 Series

The Intel® Solid-State Drive Data Center Family for PCIe brings extreme data throughput directly to Intel® Xeon® processors with up to six times faster data transfer speed than 6 Gbps SAS/SATA SSDs. The performance of a single drive from the Intel SSD Data Center Family for PCIe, specifically the Intel® Solid-State Drive Data Center P3700 Series (460K IOPS), can replace the performance of 7 SATA SSDs aggregated through a host bus adapter (HBA) (approximately 500K IOPS).



Main Features

- A new Non-Volatile Memory Express (NVMe) storage interface standard modernizes data center storage.
- The transition to NVMe SSDs by providing a comprehensive product line, enabling extensive system compatibility.
- The SSD Data Center P3700 series for PCIe devices are based on Intel-developed controller, firmware, and leading manufacturing process NAND flash memory.

Benefits

- NVMe overcomes SAS/SATA SSD performance limitations by optimizing hardware and software to take full advantage of NVM SSD technology.
- Comprehensive solution
- Proven quality and reliability

Technical details

Technical details

Technology	PCIe-SSD Flash Drive
Form factor	Low Profile PCIe with Full Height (FH) and Low Profile (LP) bracket
Bus interface	PCIe 3.0 x4
Bus type	PCIe 3.0
NAND Type	Intel® 20nm Multi Level Cell (MLC) NAND Flash Memory
Supported systems	Add In Card (AIC): PQ1400E2, PQ1800E2, PQ2400S / S2, PQ2400S lite / S2 lite, PQ2400E / E2, PQ2800B / B2, PQ2800E / E2 2.5" PCIe-SSD SFF: RX2530 M1 / M2, RX2540 M1 / M2, RX/TX2560 M1 / M2, RX4770 M2, BX2560 M1 / M2, CX400 M1
Max. number per system unit	Add In Card (AIC): 16x in PQ1400E2 8x in PQ2400S / S2 8x in 2400S lite / S2 lite 48x in PQ2400E / E2 incl. PCI-Box 16x in PQ2800B / B2 48x in PQ2800E / E2 incl. PCI-Box 2.5" PCIe-SSD SFF: 4x in RX2530 M1 / M2 8x in RX2540 M1 / M2 8x in RX/TX2560 M1 / M2 4x in RX4770 M2 2x in BX2560 M1 / M2 2x in CX2550 M1 / M2 2x in CX2570 M1 / M2

Environment

Temperature (operating)	0 - 55 °C AIC; 0 - 70 °C 2.5-inch
Storage temperature	-55 - 95 °C
Operating relative humidity	5 - 95 %

Compliance

Europe	CE EN 55022 EN 55024
USA/Canada	UL/cUL 60950-1 FCC Class B ICES-003 / NMB-003 Class A
Global	RoHS
Japan	VCCI
South Korea	KCC
Taiwan	BSMI
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

More information

Fujitsu platform solutions

In addition to Fujitsu with PCIe-SSD P3700 Series, 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/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu with PCIe-SSD P3700 Series, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/Primergy>

Fujitsu green policy innovation

Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

Contact

FUJITSU LIMITED
Mies-van-der-Rohe-Straße 8
80807 München
Germany
Website: www.ts.fujitsu.com
2018-12-18 CE-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions