

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

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