FUJITSU

Data Sheet
FUJITSU PCI BOX

Designed for high availability and performance - I/O expansion for PRIMEQUEST 2x00E servers

The PRIMEQUEST PCIe Expansion System provides a high-performance and low latency solution for expanding PCIe slots outside PRIMEQUEST systems. Designed for high availability and performance, PRIMEQUEST PCI BOX is an I/O expansion option for applications demanding high I/O scalability in mission-critical systems. It can be seamlessly integrated into mission-critical systems.

PCI BOX
Thanks to the high availability of PRIMEQUEST, the PCI Box can be seamlessly integrated into mission-critical servers. Most of the components such as PSU, fan, and PCI Express cards can be redundant and hot swappable.
The PRIMEQUEST PCI Box expands the I/O slots of PRIMEQUEST servers. Up to 12 PCI Express slots (two host interfaces of 6 slots each) per I/O Box help to expand I/O throughput while maintaining high availability.

Main Features	Benefits
■ PCI hot-plug (2x 6 full height slots per box)	■ Protects your investment in expensive I/O cards
■ Powersupply redundancy	■ Provides dedicated power for PCI Express cards
■ Up to 4 x per PQ2x00E possible	■ Expands the PRIMEQUEST 2x00E Modell PCI slot value

Technical details

Slots	
PCI-Express 3.0 x8	12 x Full height PCI Hot Plug

Number of fans	
Fan configuration	Redundant

Operating buttons	
Status LEDs	Power (green)

Dimensions / Weight	
Rack (W x D x H)	482 x 740 x 175 mm
Height Unit Rack	4 U
19" rackmount	Yes
Weight	35 kg (77 lb.)
Weight notes	Fully assembled Actual weight may vary depending on configuration
Rack integration kit	Rack mount kit attached. For additional Material see PQ2x00E Configuration guides.

Environment	
Operating ambient temperature	0 - 35 ℃
Operating relative humidity	20 - 80 %
Maximum altitude	3000 m
Operating environment	FTS 04230 – Guideline for Data Center (installation specification)
Operating environment link	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe
Noise emission	The relevant value is included in PRIMEQUEST chassis specification.

Electrical values	
Power supply configuration	Up to 2 power supply. Unit equipped with 0 power supplies, redundancy as option.
Max. input of single power supply	5.7A
Hot-plug power supply redundancy	Yes
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Active power (max. configuration)	460 W
Apparent power (max. configuration)	485 VA
Heat emission (max. configuration)	1656.0 kJ/h (1569.6 BTU/h)

Compliance	
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment) - planned
Germany	GS
Europe	CE Class A *
Japan	VCCI
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Compliance notes	There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request. * Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Components

Warranty

Warranty period	3 years
Warranty type	Onsite Service (depending on country)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM
Recommended Service	-
Service Lifecycle	5 years after end of product life
Service Weblink	www.fujitsu.com/support

3 years

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu PCI BOX, 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 PCI BOX, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/fts

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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Contact
FUJITSU Technology Solutions GmbH
Address: x-xx-x, street, city, state, ZIP code, country
Phone: xx-xxxx-xxxx
Fax : xx-xxxx-xxxx
Email: xxx.xxxxx@xx.fujitsu.com
Website: www.fujitsu.com/[country]
2016-07-01 CE-EN