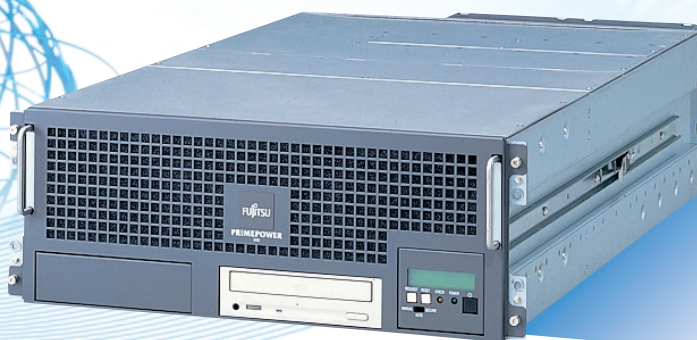


PRIMEPOWER 400



PRIMEPOWER is the brand that brings together the world's fastest bus technology and the latest in SPARC[®] processor development to provide the best value for money and system scalability in a Solaris[™] Operating Environment.

This reliable midrange server is configured to meet the growing requirement for dedicated departmental, web server, and e-commerce application engines in the data center.

PRIMEPOWER 400, with up to 4 new high performance Fujitsu SPARC64[™] GP processors, has 3 complimentary form factors — pedestal, 4U rack mount and 10U rack mount model — to provide the best possible solution match to customers' requirement in this class.

Ideal as a reliable mid-tier application engine, it is equally at home in high availability cluster configurations supporting 24 × 7 Internet business applications.

Solaris[™] Operating Environment, the international standard operating environment has been chosen as the operation system for all PRIMEPOWER servers. This not only provides the very best in platform management, it gives you access to all tier-one software vendor products and over 12,000 world-class specialist applications.

● High reliability

● **Processors:** Unlike other SPARC processors, SPARC64[™] GP processors have ECC protection on all cache levels to minimize the possibility of processor failure.

● **System Control Facility:** An independent processor monitors, instantly detects, accurately diagnoses and provides notification of all system failures. Pre-failure warnings can also be detected and corrected before system failure, with all functions capable of remote monitoring.

● **Design Standards:** The high reliability of this system matches mainframe standards in design and configuration. It also features redundant and hot swappable components such as disks, power supplies and fans. In addition the system can dynamically manage failures of CPU, memory and I/O bus, allowing business operation to continue using the remaining operational resources.

● High performance/scalability

The latest 64-bit RISC SPARC64[™] GP processors, like their predecessors, fully conform to the SPARC International V9 architecture standard. They also provide superior transaction performance through the use of parallel instruction processing. Fujitsu's own high performance crossbar switch technology manages all the inter-processor traffic. Its superior bandwidth provides excellent support for high system or peak load situations caused by OLTP, database searching, web streaming or other channel intensive applications.

● Superior System Installation

To provide for flexibility in systems installation PRIMEPOWER 400 can be stacked up to 9 high in a single 36U/19-inch rack. This makes it very suitable for ISP/ASP or corporate data center use. It can also address up to more than 100TB of data storage with ease and can be used either as an application engine, or as a compute node in a cluster or for dedicated fail-over high availability systems.

PRIMEPOWER 400

Specification

Model Name		PRIMEPOWER400					
Type		Rackmount (4U)		Rackmount (10U)		Floor-stand	
Processor	Type	SPARC64™ GP					
	Clock speed	600MHz	700MHz	600MHz	700MHz	600MHz	700MHz
	Quantity	1 to 4 processors					
Cache (per Processor)	Level 1	256KB/CPU (Instruction:128KB, Data:128KB)					
	Level 2	8MB					
Main memory	Type	SDRAM					
	Minimum capacity	256MB					
	Maximum capacity	16GB					
	Expansion units	256MB/512MB/1GB/2GB/4GB with ECC protection					
Hard disk drives	Type	Single-Ended UltraSCSI(Fast-20)					
	Data rate	40.0 MB/s					
	Minimum capacity	36.4GB					
	Internal maximum capacity	292.0GB		1,168.0GB			
	Expansion units	36.4GB/73.0GB/147.0GB, 10,000rpm					
Drives	Internal DVD-ROM drive	10X speed drive as standard (40X speed used as CD-ROM)					
	Internal Tape drive	DDS4 (option)		DDS4 (option)			
PCI slots	PCI(66/33MHz)	2 slots		3 slots			
	PCI(33MHz)	4 slots		7 slots			
Standard interfaces	LAN	1 port (100Base-TX or 10Base-T)					
	Serial (RS232C)	2 ports (Dsub 25pin)					
	Keyboard/Mouse	1 port (DIN 8pin)					
	RCI	1 port (RJ45 6pin)					
	PC	1 port (mini-DIN 8pin)					
	UPS	1 port (DSub 9pin)					
Dimension	Width x Depth x Height	445 x 801*1 x 174mm (17.5 x 31.5 x 6.9 inches)		445 x 803*1 x 440 (17.5 x 31.6 x 17.3 inches)		480 x 789*1 x 650 (18.9 x 31.1 x 25.6 inches)	
	Weight	max. 53 kg (117lb.)*2		max.102 kg (225lb.)*2		max. 125 kg (276lb.)	
AC power connection	Rated voltage	100-120 VAC, 200-240 VAC (+/- 10%)					
	Frequency	50/60Hz					
	Power draw	890W		1,200W			
	Heat generation	3200kj/h		4,320kj/h			
Environmental conditions	Temperature	5 - 35°C(at 0 -1500m altitude)					
	Humidity	20 - 80 %					
Features	Redundant components	Disk, Power supply unit, Fan					
	Hot swap components	Disk, Power supply unit, Internal tape, Fan					
	Other functions	Calendar, Auto power control function					

*1 including all projections

*2 including Rackmount rails



Rackmount (4U)
Compute node



Rackmount (10U)
Application engine



Pedestal/Floor-stand

Specifications are subject to change without notice. For the latest detailed information, contact your local representative.

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