

# PRIMEPOWER 1500 Server

*When you need great scalability, the best in system availability and business reliability that only a system built for “mission-critical” operations can deliver, then you need PRIMEPOWER 1500. PRIMEPOWER’s enterprise class system architecture and platform reliability will ensure that your “primetime” business operations will be available and fully operating all day and every day.*

## Performance & Reliability

Like all enterprise class servers from Fujitsu we have taken our proven skills in high-performance computing and mainframe reliability and applied them to the UNIX® market. PRIMEPOWER 1500 ensures 24 hours a day, 7 days a week full application performance, resource flexibility and hassle-free operation. Plus the cost effective and robust Solaris™ Operating System means you are assured of being able to run the world’s best application solutions with the widest choice for business critical computing.

## Manageability

PRIMEPOWER 1500 will support your largest business application, as well as consolidate your dispersed computing environment. And its performance makes it the ideal platform for matching broadband Internet database access growth. Its built-in management, serviceability and availability put it in the top class of open servers on the market today. Plus with its proven portfolio of application solutions and autonomic management capability, it can be internally clustered for non-stop operation and minimum administration.

## Flexibility

PRIMEPOWER 1500 can be configured in many ways and can be quickly reconfigured as the load and application mix changes. With new extended partitioning and dynamic system reconfiguration capability and best-in-class administration you will always be able to match this systems responsiveness to your daily operational cycle.



## The features of this server speak for themselves:

- Up to 32 x 1.89/2.16 GHz SPARC64™V processors for top line performance
- Up to 256GB memory to ensure application performance efficiency
- Extended partitioning and dynamic reconfiguration for hot-workload reconfiguring
- “Mission critical” reliability and availability for 24 x 7 operation
- Self-healing architecture, self-monitoring technology and hot-plug system extensions for minimum maintenance and reduced “planned” downtime.

# Specifications

## PRIMEPOWER 1500 Server

<b>Type</b>		Floor-stand
<b>Processor</b>	Type	SPARC64™ V
	Clock speed	1.89/2.16 GHz
	Maximum quantity	32 processors
<b>Cache</b> (per Processor)	Level 1	256 KB/CPU (Instruction: 128 KB, Data: 128 KB)
	Level 2	3 MB for 1.89 GHz, 4 MB for 2.16
<b>Main memory</b>	Type	DDR SDRAM (Single chip fail recovery)
	Minimum capacity	2 GB
	Maximum capacity	256 GB
	Expansion units	1 GB/2 GB/4 GB with ECC protection
<b>Hard disk drives</b>	Type	Ultra SCSI Wide/SE
	Data rate	40 MB/s (sync. max)
	Minimum capacity	36.4 GB
	Maximum capacity	147.0 GB x 16 (in base cabinet) (147.0 GB x 32 (using 4 x PCI/Disk boxes)
	Expansion unit	36.4 GB/73.0 GB/147.0 GB
<b>Drives</b>	DVD-ROM drive	No internal drive is supported. 1 x DVD-ROM drive is attached to the System Management Console
	Tape drive	No internal drive is supported. 1 x Tape drive is attached to the System Management Console
<b>PCI Slots</b>	Standard	8 slots (3x33/66MHz + 5x33MHz): System board 10 slots: (3x33/66 MHz + 7x33 MHz): PCI/Disk box
	Maximum (with PCI/Disk box)	72 slots: 4 system boards + 4 PCI/Disk Boxes
<b>Console</b>	System Management Console	Minimum : 1 (Mandatory)
<b>Standard Interfaces</b>	LAN	2 ports (100 Base-TX/10Base-T) : System board, 2 ports (100 Base-TX/10Base-T) : PC/Diskl Box
	Serial (RS232C)	2 ports (Dsub 25 pin) : System board, 2 ports (Dsub 25 pin) : PCI/Disk Box
	SCSI (only for internal HDD)	2 ports (RJ45: 6 pin)
	RCI	2 ports (Dsub 9 pin)
<b>Dimension</b>	UPS	2 ports (Dsub 9 pin)
	Width x Depth x Height	740 x 1114 x 1800 mm; (29.1 x 43.9 x 70.9 inches)
	Maintenance area (Front x Rear x Left x Right)	900 x 800 x 800 x 800 mm (36 x 32 x 32 x 32 inches)
<b>Weight</b>		650 / 1000kg (1433/2205 lb)
<b>AC power connection</b>	Rated voltage	200-240 VAC
	Frequency	50/60Hz -4% to +2%
	Power draw (1-4 System boards)	1,890 - 6,750 W
<b>Environmental conditions</b>	Temperature	41-95 °F (5-32°C) (at 0-1500m altitude)
	Humidity	20-80 %
<b>Features</b>	Redundant components	Power supply unit, Fan, Dual power feed option, System Control Facility, Disk Drive (with disk-mirroring software),
	Hot swap components	Disk, Power supply unit, Fan, System Board, PCI Adapter
	Other functions	Calendar, Auto power control function



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\*1 32 Memory slot/System board Maximum capacity, 1 system: 512GB

\*2 Supported by Static Degeneration