

Highly expandable, reliable tower server: Low cost SPARC/Solaris system for standalone workgroup computing

Office essentials pre-loaded: Lowers cost and complexity by integrating office productivity, file and print and web services software

Complete system management: Advanced Lights Out Manager (ALOM) simplifies daily operations and helps lower TCO

Integrated Workgroup Platform: Combines with Sun Ray thin clients and recommended Sun/3rd party software, providing comprehensive solutions for customers with limited IT budgets

Sun Fire™ V250



Low cost, most integrated tower server in its class

Target Industries

- Manufacturing
- Retail Banking
- Retail
- Government
- Education
- Healthcare

Key Applications

- E-Mail
- File and Print
- Web Servers
- ERP
- Security
- Application Development
- Small Database
- Business Intelligence

As IT environments demand lower costs and reduced complexity, companies are searching for a powerful, expandable and easily manageable business-critical server for a wide range of demanding tasks. The new Sun Fire™ V250 entry level tower server fits the bill. The Sun Fire V250 is an integrated tower platform for enterprise workgroups, branch offices and Mid-Market customers. Running Solaris™ 8 or 9, with up to two 1.06GHz or 1.28GHz UltraSPARC™ III processors, 8-GB SDRAM, 8 hot-swap UltraSCSI 73GB disks and Advanced Lights Out Manager (ALOM), the Sun Fire V250 server is a highly expandable, available and secure solutions platform. Pre-loaded Office Essentials software, and third party solutions deliver integrated value-add for customers who want a high performance system at an affordable price.



Sun Fire™ V250 Specifications

Processor Options

Processor	One or Two 1.06 GHz or 1.28 Ghz UltraSPARC IIIi
Architecture	64-bit, 4-way Superscaler SPARC V9
Cache	64 KB data, 32KB instructions & 1 MB Integrated L2

Memory

4 DIMM slots per processor, registered DDR-1 SDRAM (PC2100) 128 bit plus ECC databus. System Configurations from 512MB to 8 GB

Standard/Integrated Interfaces

Network	One 10/100/1000Base-T Ethernet port
Network Management	One 10Base-T Ethernet port
Serial Management	One TIA/EIA-232-F (RJ45) Port
Serial	One TIA/EIA-232-F asynchronous (DB9) Port
SCSI	One Ultra160SCSI Multimode (SE/LVD)
Parallel	One parallel port (DB25)
USB	Four OHCI 1.0-compliant interfaces, supporting dual speeds of 12 and 1.5 Mbits/sec each
Expansion Bus	Six internal PCI 2.2 compliant expansion slots: Three full-length 64-bit 33/66 MHz 3.3V; Three full-length 64-bit 33 Mhz 5V
System Configuration Reader & Card (removable)	Front accessible for transfer of system Reader & Card information, including host ID

Mass Storage and Media

Internal Disk	Up to 8 hot-swap Ultra160SCSI 73-GB disks
Internal DVD	One ATAPI DVD-ROM
Internal Tape	4mm DDS-4 DAT SCSI Tape
External Disk	StorEdge 3310 SCSI table top configurations StorEdge A1000 StorEdge D1000 StorEdge D2
External Tape	StorEdge L7 Tape drive StorEdge L8 Tape drive

Software

Operating Environment	Solaris 8 Hardware release 7/03 Operating Environment, Solaris 9 12/03 (update 5) pre-installed. Also supports Solaris 9 8/03 Hardware release or later
Languages	C/C++ FORTAN, Java programming language; all other standard Sun-supported languages
Networking	ONC™, NFS, TCP/IP
Management	Sun MC, SunVTS™, ALOM, inband platform SNMP
High Availability	Sun™ Cluster 3.0 and 3.1, Solaris 8 and 9

Sun Java Enterprise System Software Stack

Sun Fire V250 comes pre-loaded with a Sun Java System Software stack that includes:

- Sun Java Enterprise System Web Server 6.1
- Sun Java Enterprise System Application Server 7.0 Update 1 Standard & Platform Editions
- Sun Java Enterprise System Calendar Server 6.0
- Sun Java Enterprise System Messaging Server 6.0
- Sun Java Enterprise System Instant Messaging 6.1
- Sun Java Enterprise System Directory Server 5.2
- Sun Java Enterprise System Directory Proxy Server 5.2
- Sun Java Enterprise System Identity Server 6.1 and Identity Server Instant Messaging Service
- Sun Java Enterprise System message queue 3.0.1 Service Pack 2, Enterprise & Platform Editions
- Sun Java Enterprise System Portal Server Secure Remote Access
- Sun Java Enterprise System Sun Cluster 3.1 and Sun Cluster Agents for Component products
- StarOffice 7.0 Product Update 1
- Solaris PC NetLink 2.0

Power Supplies: Dual Redundant power supplies

Maximum AC Output 460W

Environment

AC power	100-240 V (+/- 10%) 47-63Hz
Operating Temperature	5°C to 40°C (41°F to 104°F), 10% to 90% relative humidity, noncondensing, 27°C max wet bulb
Nonoperating Temperature	-40°C to 65°C (-40°F to 149°F), up to 93% relative humidity, noncondensing, 38°C max wet bulb
Altitude (Operating)	Up to 3000 m, maximum operating temperature is derated by 1° C per 500 m above 500 m
Altitude (Nonoperating)	Up to 12000 m
Acoustic Noise	Less than 6.3 B sound power in ambient temperature of up to 27°C

Regulations: Meets or exceeds the following requirements:

Safety	IEC60950:1999, UL 60950 3rd Edition, CAN/CSA 22.2, NO 60950-00, EN60950:2000, CE Mark (93/68/EEC)
RFI/EMU	FCC, Part 15 47 CFR, EN55022, CISPR 22
Immunity	EN55024
Certifications Safety	cULus Mark, TUV GS Mark, CE Mark
EMC	FCC authorized Class A, VCCI, BSMI, C-TICK, MIC, CCC, GOST

Dimensions and Weights

Chassis	
Height	485.6mm (19.11in)
Width	251mm (9.88in)
Depth	613mm (24.15in)
Weight	21.5kg (47.3 lb.) minimum configuration (1x1.06 GHz, 2x256MB, 1x366GB, 1PSU, 1DVD) 31kg (68.2lb.) maximum configuration (8 HDD's, 2PSU's, full memory, DAT and DVD)



Sun Fire V100



Sun Fire V120



Sun Fire V210



Sun Fire V240



Sun Fire V250



Sun Fire 280R



Sun Fire V480



Sun Fire V880

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