

Blades are cutting a wide swath in server-based computing

Company	Product	Main features	System management	OS support	Price
ASA Computers Inc. Santa Clara, Calif. 408-654-2901 www.asaservers.com	4U Xeon Blade server	4U chassis, up to 10 blades, two KVM daisychain ports, one management command port, one serial console port, 177-mm by 426-mm by 670-mm dimensions	Two redundant management modules, remote server control and monitoring	Optional	\$5,074 base chassis price
Bull HN Information Systems Billerica, Mass. 978-294-6000 www.bull.com	NovaScale Blade Chassis	7U chassis, up to 14 NovaScale 2020 Xeon blades, two hot-swap management bays, four hot-swap switch modules, 1.44M floppy disk and CD-ROM drives, USB port, KVM switch, 12-inch by 28-inch by 17.5-inch dimensions	Built-in management module	Windows 2000 and 2003, Red Hat Linux	\$4,407 base chassis price
Cubix Corp. Carson City, Nev. 775-888-1000 www.cubix.com	BladeStation	6U chassis, up to seven Cubix XP4 single or dual Xeon blades, integrated KVM switch, integrated hot-swappable RAID 1 or RAID 5 drives, 10.5-inch by 19-inch by 25.5-inch dimensions	CubixVision management logic integrated on every blade server; "lights-out" monitoring; can be monitored from a single Web connection	Optional	\$3,199 with one Xeon blade
Dell Computer Corp. Round Rock, Texas 800-293-3492 www.dell.com	PowerEdge 1655MC Enclosure	3U chassis, up to six PowerEdge 1655 dual Pentium III blades, built-in KVM switch, integrated ATI RAGE video controller, NAS or tape backup options	Built-in ERA/MC management module, Dell OpenManage software with Remote Install I.O, suite of remote server-deployment options	Win 2000 Server and Advanced Server, Red Hat Linux	\$2,637 with two redundant Layer 2 managed switches, hot-swap power and cooling, embedded KVM switch and Dell RapidRails kit
Egenera Inc. Marlboro, Mass. 508-858-2600 www.egera.com	BladeFrame ES	EIA-310-D Rack, up to six Egenera two-way or four-way SMP pBlade blades, redundant integrated central controller and switches (ControlBlade ES) and redundant high-speed interconnects BladePlane ES, 22.75-inch by 17.6-inch by 30-inch dimensions	Control Blade ES hardware modules host Egenera PAN Manager software for notebook PC administration and interfaces to external network resources	NT 4.0, Win 2000, Red Hat Linux, SCO Unix	\$89,999 up for a fully redundant, SAN-connected configuration
Fujitsu Computer Systems Corp. Sunnyvale, Calif. 877-372-3473 www.computers.us.fujitsu.com	Primergy BX300	3U chassis, up to 20 Pentium blades, onboard RAID, graphics and LAN controllers, 20G or 60G hard drive, 5.1-inch by 17.1-inch by 29.1-inch dimensions	Up to two redundant management blades, Primergy Server Management software (ServerStart, ServerView, RemoteView)	NT 4.0, Win 2000, Red Hat Linux, SCO Unix	\$12,597 for entry-level chassis with one mono-CPU blade and two redundant management blades
Hewlett-Packard Co. Palo Alto, Calif. 800-727-5472 www.hp.com	ProLiant BL10e G2 1GHz	3U chassis, up to 20 BL10e G2 blades, 1-GHz Pentium M processor with 1M L2 cache and 512M SDRAM, two PCI IO/100 Ethernet network cards, 40G hard drive, integrated KVM switch ProLiant BL-Class C-GbE Interconnect switch with integrated administrator	Integrated administrator, HP Insight Manager 7, HP Toptools, HP Server Manager, ProLiant Essentials Rapid Deployment Pack	Optional	\$7,916 for enclosure with C-GbE Interconnect switch, management modules and one ProLiant BL10e G2 1-GHz blade
IBM Corp. Armonk, N.Y. 800-426-4968 www.ibm.com	eServer BladeCenter	7U chassis, up to 14 IBM HS20, JS20 or HS40 two- or four-way blades, hot-swap power and cooling modules, high-availability midplane, hot-swap and redundant KVM management modules, 1.44M floppy and CD-ROM drives	IBM Director Management software, IBM Director Server Plus Pack Advanced Server Management, IBM Remote Deployment Manager, Light Path Diagnostics self-diagnostics panel, Predictive Failure Analysis capability	Optional	\$2,789 up per chassis
Intel Corp. Santa Clara, Calif. 408-765-8080 www.intel.com	Intel Blade Server Chassis SBCE	7U chassis, up to 14 Intel SBX52 Server blades with one or two Xeon processors, media tray with 1.44M disk drive, CD-ROM drive, one USB port and LED panel; four hot-swap switch module bays, 12-inch by 28-inch by 17.5-inch dimensions	Integrated Blade Server Management Module SBCE-mm; Intel Deployment Manager by Veritas OpForce with integrated KVM switch; SNMP agents on the management module	Optional	\$9,818 for base chassis with media tray, hot-swap power and cooling components, one Ethernet switch and one dual Xeon blade
NextCom LLC Nashua, N.H. 603-886-3874 www.atnextcom.com	NCM-NX420 Blade Server	4U chassis, two backplanes, up to 10 hot-swap Xeon blades, one hot-swap KVM switch blade, 16.78-inch by 6.97-inch by 26.40-inch dimensions	Management blade shares KVM serial console among server blades and chassis, autodiscovers the presence of server blades, controls main power on/off, reports system status, logs events, sends alerts	Win 2000 Server and Advanced Server, XP, Red Hat Linux 7.3, FreeBSD 4.6	\$8,000 for chassis and one blade
OffMyServer Inc. San Jose, Calif. 408-943-4100+A22 www.offmyserver.com	OMS Blade Server	7U chassis, up to 14 Xeon blades, high-availability midplane, dual 1G Ethernet switch (optional), dual 2G Fibre Channel switch (optional), multiple IDE storage options	Chassis management module	FreeBSD, Linux	\$5,471 for base chassis with one management module
RLX Technologies Inc. The Woodlands, Texas 866-759-9866 www.rlx.com	System 300ex Chassis	3U chassis, holds up to 12 RLX ServerBlade I200i Pentium III blades and up to 24 RLX ServerBlade 800i Pentium III blades, consolidated cabling, integrated management switch, four network connect cards, two optional Ethernet switches	RLX Control Tower management software; a management switch card provides connectivity to the management network controller on each blade	Linux 7.3 standard pre-installed; optional Win 2000 Server and Advanced Server	\$3,160 GSA
Silicon Mechanics Inc. Seattle 866-352-1173 www.siliconmechanics.com	Bladeform Blade Server	7U chassis, up to 14 Silicon Mechanics SM-B270A or SM-B270S server blades, modular hot-swap accessories, fault-tolerant design, built-in management features, integrated KVM, optional Gigabit switch modules	Built-in system management	Optional	\$5,456
Sun Microsystems Inc. Santa Clara, Calif. 650-960-1300 www.sun.com	Sun Fire B1600 Blade Platform	3U chassis, up to 16 Sun specialty networking or Sparc and x86 blades, integrated Gigabit Ethernet switches and system controllers, hot-swap customer replaceable units, passive midplane (dual GbE), external storage connectivity via Sun's StorEdge 3310 NAS, 5.25-inch by 17.2-inch by 26.5-inch dimensions	NI Provisioning Server 3.0, Advanced Lights Out Manager, Remote Management software	Sun Solaris 8	\$4,795
Tatung Science and Technology Inc. Fremont, Calif. 510-687-9688 www.tstf.com	TUD-3114	3U chassis, up to 14 Xeon blades, dual Gigabit Ethernet switches, dual management switches, internal AMPC serial channel communication controllers	Amphus ManageSite, which uses the plug-in management blade to deliver network management to the server	Win 2000, Advanced Server, Linux	\$7,970 for chassis with two server blades, one switch blade and one management blade