

# 32/64-bit Opteron and Xeon servers give you a foot in both worlds

Company	Product	Description
AMD Opteron Servers		
Adamant Computers Inc. Cleveland 800-236-3550 www.adamant.com	Adamant 451I	IU rackmount, up to two 200 series Opteron processors, IG PC 3200 ECC DDR RAM, dual 80G SATA hard drive (supports up to four hard drives), built-in RAID 0, I, IO controller, 24X CD-ROM drive, ATI Rage XL 8M graphics controller, dual IO/100/1000 Base-T Ethernet, one serial and two USB ports; <b>\$1,574 and up</b>
ASA Computers Inc. Santa Clara, Calif. 408-654-2900 www.asaservers.com	2U Dual Opteron Server	2U rackmount, one 2.2-GHz Opteron 240 processor (one open CPU socket), up to 16G RAM, floppy and CD-ROM drives, 36G SCSI hard drive, onboard SCSI controller, RAID 0 support, ATI Rage XL 8M graphics controller, two Giga-bit LAN ports; <b>\$1,757 as configured</b>
Aspect Computer Corp. Somerset, N.J. 732-563-1304 www.aspectcomputer.com	Professional AMD Opteron 240 System	Tower, one 2.2-GHz Opteron processor, floppy and CD-ROM drives, optional tape backup systems, optional Seagate hard drives, RAID 0 controller; <b>\$3,989 and up</b>
Colfax International Inc. Sunnyvale, Calif. 408-730-2275 www.colfax-intl.com	Tyan Transport TX46 Quad Opteron 2U Rackmount Server	2U rackmount, one Opteron 850 processor (three CPU sockets open), IG PC3200 ECC DDR RAM, up to 32G of RAM, two hot-swap SCSI drive bays, four 64-bit PIC-X slots, one 32-bit PCI slot, integrated SCSI controller, onboard Gigabit Ethernet controller, 8M ATI Rage XL graphics controller; <b>\$4,881 as configured</b>
Elite PC LLC Tempe, Ariz. 480-317-0825 www.elitepc.com	Emperor 64-S Series Rackmount Server	IU rackmount, one Opteron 250 2.4-GHz processor, IG PC 2700 DDR RAM, SCSI RAID controller, 16 hard-drive bays, 24X CD-ROM and 1.44M floppy drives, integrated graphics controller, integrated dual Gigabit LAN controller; <b>\$3,276 as configured</b>
Hewlett-Packard Co. Palo Alto, Calif. 650-857-1501 www.hp.com	ProLiant DL145	IU rackmount, one Opteron 250 2.4-GHz processor, 2G PC2700 DDR RAM, dual-channel Ultra 320 SCSI HBA storage controller, two one-inch non-hot-swap Ultra 320 15,000-rpm hard drive (supports two), two integrated Gigabit Ethernet NICs; <b>\$3,817 as configured</b>
IBM Corp. Armonk, N.Y. 914-499-1900 www-1.ibm.com/servers	eServer 326	IU rackmount, dual 2.4-GHz Opteron processors, IG PC3200 ECC DDR RAM, two 80G SATA hard drives, CD-ROM drive, two 64-bit PCI-X slots, dual Gigabit Ethernet NICs, Ultra 320 SCSI controller; <b>\$5,766 as configured</b>
Monarch Computer Systems Tucker, Ga. 800-611-0875 www.monarchcomputer.com	Empro 2U Custom Rack Server	2U rackmount, one Opteron 250 2.4-GHz processor, IG PC2100 ECC RAM, one 80G 7,200-rpm hard drive (four drive bays total), optional RAID; <b>\$2,304 as configured</b>
Now Micro Inc. Roseville, Minn. 651-631-9494 www.nowmicro.com	Frontier Opteron 2U-8xSCSI	2U rackmount, one Opteron 248 processor, IG ECC/REG DDR RAM, RAID controller, optional SCSI hard drives, 24X CD-ROM drive, onboard dual Gigabit Ethernet cards, onboard 8M graphics controller; <b>\$3,133 as configured</b>
NTSI Lowell, Mass. 800-277-7657 www.nts.com	IU Dual Capable AMD Opteron Accelertech Server	IU rackmount, dual Opteron 240 processors, IG PC2700 DDR RAM, one 80G 7,200-rpm hard drive (two 1.5-inch IDE drive bays available), CD-ROM and 1.44M floppy drives, two Gigabit Ethernet ports, two USB ports, one serial and one parallel port, ATI XL 8M graphics controller; <b>\$4,050 as configured</b>
Penguin Computing Inc. San Francisco 415-954-2800 www.penguincomputing.com	Altus 3250 Server	3U rackmount, dual Opteron 250 2.4-GHz processors, 2G PC2700 ECC DDR RAM, one 73G 10,000-rpm hard drive (eight drive bays available), optional RAID, DVD-ROM/CD-RW drive, dual integrated Gigabit Ethernet ports, three 64-bit PCI-X slots, integrated video controller, SUSE Linux Professional 9.1 and Red Hat Linux preloaded; <b>\$5,771 as configured</b>
Sun Microsystems Inc. Santa Clara, Calif. 650-960-1300 www.sun.com	Sun Fire V20z Server	2U rackmount, dual Opteron 250 2.4-GHz processors, 4G RAM, one 73G 10,000-rpm hard drive, two Gigabit Ethernet NICs, one USB port, one serial port, two PCI-X slots, CD-ROM and 1.44M floppy drives, supports Solaris and Linux, with Windows HCL; <b>\$6,995 as configured</b>
Xi Computer Corp. San Clemente, Calif. 949-498-0858 www.xicomputer.com	NetRAIDer 64LT	Tower, one Opteron 240 2.2-GHz processor, IG DDR 333MHz SDRAM RAM (expandable to 16G), dual Gigabit Ethernet NICs, two USB slots, onboard 4-channel SATA RAID controller, 8M ATI Rage XL graphics controller, six open drive bays, four internal bays, support for Windows Server and Red Hat Linux; <b>check with vendor for pricing</b>

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Intel Xeon Servers		
8aNet.com Fremont, Calif. 510-226-6778 www.8anet.com	8X26SR 2U Rackmount	2U rackmount, one Xeon 3.6-GHz processor, 800-MHz front-side bus with IM cache, EM64T support, up to 16G RAM, U-320 RAID controller, ATI Rage XL 8M graphics controller, two SATA ports and dual ATA100 IDE channels, six SCSI hot-swap hard drive bays with SCSI backplane, one 5.25-inch drive bay, CD-ROM and 1.44M floppy drive; <b>\$2,705 as configured</b>
Acmemicro Inc. Fremont, Calif. 510-226-6778 www.acmemicro.com	SuperWorkstation 7034A-1 Dual Xeon 800 Nocona	Tower, one Xeon 3.6-GHz processor, 800-MHz front-side bus with IM cache, IG PC2700 ECC RAM, two 64-bit PCI-X slots, two 32-bit PCI slots, one 16-bit PCI slot, Gigabit Ethernet controller, two SATA ports, four USB ports, dual EIDE ports, four 3.5-inch hard-drive bays, two 5.25-inch hard-drive bays, 1.44M floppy drive, optional VGA video card; <b>\$1,965 as configured</b>
Amax Information Technologies Fremont, Calif. 510-651-8886 www.amaxit.com	Rackplex 2U 7-bay Dual Xeon SCSI Server	2U rackmount, one Xeon 2.8-GHz processor, 800-MHz front-side bus with IM cache (optimized for two), 512M PC2700 ECC DDR RAM, dual-channel Ultra320/LVD SCSI controller, supports Host-RAID embedded SCSI striping (RAID 0 and I), six hot-swap 3.5-inch drive bays, front bay for CD-ROM or floppy, two Gigabit Ethernet NICs, six 64-bit PCI-X slots, 8M ATI Rage XL graphics controller; <b>\$2,599 as configured</b>
Dell Inc. Round Rock, Texas 512-338-4400 www.dell.com	PowerEdge 2850	2U rackmount, one Xeon 3.6-GHz processor, 800-MHz front-side bus with IM cache, EM64T support, IG DDR2-400 RAM, embedded SCSI controller, 64-bit PCI-X support, one 73G 15,000-rpm Ultra 320 SCSI hard drive (six drive bays total), dual onboard Gigabit Ethernet NICs, 24X CD-ROM and 1.44M floppy drives, optional tape backup; <b>\$4,327 as configured</b>
Electronic Nexus Irvine, Calif. 877-773-5366 www.elnexus.com	Capella Power 2U Server	2U rackmount, dual Xeon 3.6-GHz processors, 800-MHz front-side bus with IM cache, EM64T support, IG DDR2-400 RAM, one 36G 10,000-rpm Ultra 320 SCSI hard drive (five remaining bays), onboard RAID, CD-ROM drive; <b>\$4,710 as configured</b>
Fujitsu PC Corp. Sunnyvale, Calif. 408-736-3300 www.computers.us.fujitsu.com	Primergy RX300 S2	2U rackmount, one or two Xeon processors, 800-MHz front-side bus with IM cache, EM64T support, up to 16G PC3200 SDRAM RAM, six 64-bit PCI-X slots, two PCI slots, dual-channel Ultra 320 SCSI controller, dual Gigabit Ethernet NICs, 8M ATI Rage XL graphics controller, onboard RAID controller; <b>check with vendor for pricing</b>
Gateway Inc. Poway, Calif. 800-369-1409 www.gateway.com	9515 Series	2U rackmount, dual Xeon processors, 800-MHz front-side bus with IM cache, EM64T support, 8G ECC DDR2 RAM, dual-channel Ultra 320 SCSI controller with integrated RAID 0, I support, four 64-bit PCI-X slots, two PCI slots, dual Gigabit Ethernet NICs, 8M ATI Rage XL graphics controller; <b>\$1,499 and up</b>
Hewlett-Packard Co. Palo Alto, Calif. 650-857-1501 www.hp.com	ProLiant DL360 G4	IU rackmount, one Xeon 3.6-GHz processor, 800-MHz front-side bus with IM cache, EM64T support, upgradeable PC2700 registered ECC DDR SDRAM RAM, two one-inch Ultra 320 SCSI hot-plug drive bays, Smart Array 6i Plus controller, dual Gigabit Ethernet NICs; <b>\$3,749 and up</b>
IBM Corp. Armonk, N.Y. 914-499-1900 www-1.ibm.com/servers	xSeries 346	2U rackmount, dual Xeon 3.6-GHz processors, 800-MHz front-side bus with IM cache, EM64T support, 2G PC3200 DDR2 SDRAM RAM, six hot-swap drive bays, four 64-bit PCI-X slots, 1.44M floppy drive, Gigabit Ethernet NIC, 16M ATI Radeon graphics controller; <b>\$6,386 as configured</b>
Ion Computer Systems Inc. Hauppauge, N.Y. 631-630-0600 www.ioncomputer.com	LN20J	2U rackmount, dual Xeon 3.6-GHz processors, 800-MHz front-side bus with IM cache, EM64T support, up to 16G PC2700 ECC memory, three internal drive bays, five hot-swap SATA drive bays, optional RAID, three 32-bit PCI slots, optional CD-ROM and floppy drives; <b>\$3,725 as configured</b>
MG Electronics Inc. Warrensville, Ohio 888-382-6664 www.mgeponline.com	Dual Xeon Entry-Level Server	Barebones tower server, dual Xeon processors, 800-MHz front-side bus with IM cache, EM64T support, optional RAID controller, up to six hot-swappable IDE or SATA hard drives, optional CD-ROM and floppy drives, integrated Gigabit Ethernet network interface card; <b>\$662 and up</b>
NEC USA Inc. Melville, N.Y. 631-753-7000 www.necusa.com	NEC Express5800i/120Eg	Tower or 5U rackmount design, dual Xeon 3.4-GHz processors, 800-MHz front-side bus with IM cache, EM64T support, up to 8G of DDR-333 SDRAM RAM, standard onboard RAID 0, I, up to six hot-plug Ultra 320 SCSI hard drives, two 64-bit PCI-X slots, two 32-bit PCI slots; <b>check with vendor for pricing</b>
Silicon Mechanics Inc. Seattle, Wash. 206-352-1173 www.siliconmechanics.com	iServ R210 Custom	2U rackmount, dual Xeon 3.6-GHz processors, 800-MHz front-side bus with IM cache, up to 16G Registered ECC DDR2 RAM, EM64T support, three 64-bit PCI-X slots, one 32-bit PCI slot, dual-port Gigabit Ethernet controllers, six hot-swap Ultra 320 SCSI drive bays; <b>\$2,200 and up</b>
Supermicro Inc. San Jose, Calif. 408-503-8000 www.supermicro.com	SuperServer 6024H-82R	2U rackmount, supports dual Xeon 3.6-GHz processors, 800-MHz front-side bus with IM cache, EM64T support, up to 16G DDR2-400 SDRAM, two 64-bit PCI-X slots, one 32-bit PCI slot, dual-port Gigabit Ethernet controllers, six hot-swap Ultra 320 SCSI drive bays; <b>\$1,381 and up</b>