

## Itanium servers

Company	Product	Description/price
<b>Aberdeen LLC</b> Santa Fe Springs, Calif.   562-699-6998 <a href="http://www.aberdeeninc.com">www.aberdeeninc.com</a>	Stirling S18	1U rackmount, SCSI and IDE models, one Itanium 2 processor at 1.4 GHz with 1.5M of cache; can be optimized for dual-processor service, call for options; \$6,999
<b>Acme Micro Systems Inc.</b> Fremont, Calif.   510-226-6778 <a href="http://www.acmemicro.com">www.acmemicro.com</a>	Superserver 6113M	1U rackmount, IDE model, optimized for two Itanium 2 processors (not included); base system listed at \$1,825
<b>ASA Computers Inc.</b> Santa Clara, Calif.   408-654-2901 <a href="http://www.asaservers.com">www.asaservers.com</a>	1U Itanium 2 SCSI	1U rackmount, SCSI model, two Itanium 2 processors at 1.4 GHz with 1.5M cache, 2G DDR PC 2100 RAM, 36G SCSI 10,000-rpm hard drive; \$4,997
<b>Bull HN Information Systems Inc.</b> Billerica, Mass.   978-294-6000 <a href="http://www.bull.com">www.bull.com</a>	NovaScale 9080	36U rackmount cabinet, designed for high-end GCOS 8 enterprise applications, from 61 to 840 transactions per second, eight models available; \$132,822 up
<b>Dell Inc.</b> Round Rock, Texas   800-293-3492 <a href="http://www.dell.com">www.dell.com</a>	PowerEdge 3250	2U rackmount, two Itanium 2 processors at 1.0 GHz with 1.5M cache, 2G RAM, 36G hard drive; \$6,926 GSA
<b>Fujitsu PC Corp.</b> Sunnyvale, Calif.   408-746-6000 <a href="http://www.us.fujitsu.com">www.us.fujitsu.com</a>	Primergy RX1600	4U rackmount, one to four Itanium 2 processors at 1.3 GHz or 1.5 GHz with 3M cache, 32G maximum DDR SDRAM, up to three 36G 10,000-rpm hard drives, eight PCI-X 64-bit I/O slots, three redundant hot-plug fans, redundant hot-plug power units; \$23,000 up
<b>Hewlett-Packard Co.</b> Palo Alto, Calif.   800-727-5472 <a href="http://www.hp.com">www.hp.com</a>	Integrity rx5670	Tower with one to four Itanium 2 processors at 1.3GHz or 1.5GHz with up to 1.5M cache, up to 96G RAM, 584G maximum internal storage, 10 PCI-X 64-bit I/O slots, redundant components; for midrange service; \$21,500 up
<b>IBM Corp.</b> Armonk, N.Y.   800-426-4968 <a href="http://www.ibm.com">www.ibm.com</a>	eServer xSeries x450	4U rackmount, two or four Itanium 2 processors (user-selectable speeds), up to 40G ECC SDRAM, Xcel4 Server Accelerator Cache, six PCI-X 64-bit slots, up to two hot-plug Ultra 320 SCSI hard drives per chassis, hot-plug, redundant power and cooling fans, Light Path Diagnostics; \$25,999 up
<b>Ion Computer Systems Inc.</b> Hauppauge, N.Y.   631-630-0600 <a href="http://www.ioncomputer.com">www.ioncomputer.com</a>	Ion 12X2 Server	2U rackmount, two Itanium 2 processors at 1.0 GHz with 1.5M cache, up to 16G ECC SDRAM, two SCSI controllers, optional RAID configurations, multiple storage options; \$5,795 up
<b>SGI</b> Mountain View, Calif.   650-960-1980 <a href="http://www.sgi.com">www.sgi.com</a>	Altix 350	39U rackmount, one to 16 Itanium 2 processors at 1.0 GHz, 1.3 GHz, 1.5 GHz, up to 24G DDR ECC RAM, up to four PCI-X slots (PCI expansion module available), two drive bays for 18G (1,500-rpm) or 73G (10,000-rpm) hard drives, many external options for HBA interfaces, JBOD, RAID, data servers, tape and libraries; \$21,599 up for a four-processor unit
<b>Silicon Mechanics Inc.</b> Seattle   206-352-2273 <a href="http://www.siliconmechanics.com">www.siliconmechanics.com</a>	SM-1290S	1U rackmount, two Itanium processors at 1.4 GHz with 3M cache, 1G PC2100 ECC RAM, one 36G 10,000-rpm hard drive, 24X CD-ROM, 1.44M floppy, solid-bearing rail kit; \$5,189
<b>Supermicro Computer Inc.</b> San Jose, Calif.   408-503-8000 <a href="http://www.supermicro.com">www.supermicro.com</a>	6113L-8 1U SuperServer	1U rackmount, E8770 serverboard, up to two Itanium 2 processors, up to 1.6G DDR SDRAM, DMA/ATA-100 8M installed video memory, Ultra hard drive interface, SCSI storage controller; \$1,696 up
<b>Unisys Corp.</b> Blue Bell, Pa.   215-986-4011 <a href="http://www.unisys.com">www.unisys.com</a>	ES7000/560	One 32-way Xeon processor MP partition and two 16-way Itanium 2 processor partitions, can support up to 42 single-purpose PCI blades for a total of 106 Intel processors linked through high-speed interconnects; \$250,000 up
<b>Terian Solutions LLC</b> Houston   713-482-6900 <a href="http://www.terian.com">www.terian.com</a>	Tiger 2 (TSR8702-TR)	2U rackmount, one Itanium 2 processor at 1.4 GHz with 1.5M cache, up to 2G RAM, one 36.7G SCSI 10,000-rpm hard drive, 8M video card, dual 10/100/1000 LAN cards, CD-ROM, redundant fans and power supplies; \$4,335 up
<b>Turbotek Computer Corp.</b> Manchester, N.H.   603-666-3062 <a href="http://www.turbotekcomputer.com">www.turbotekcomputer.com</a>	Intel Server Platform SR870BN4	4U rackmount, quad Itanium 2 processors at 1.5 GHz with 6M cache, 4G RAM, one 73G 15,000-rpm hard drive, CD-ROM/DVD drive, rail kit; \$31,347
<b>Xxera Technologies &amp; Systems Inc.</b> Temple City, Calif.   626-286-5569 <a href="http://www.xxera.com">www.xxera.com</a>	Tiger 4 (SR870BN4)	4U rackmount, dual Itanium 2 processors at 1.5 GHz with 6M cache, 512M REG ECC DDR RAM, Tiger 4 baseboard and chassis, dual 1,200W power supplies; \$19,240

## Opteron servers

Company	Product	Description/price
<b>Appro</b> Milpitas, Calif.   408-941-8100 <a href="http://www.appro.com">www.appro.com</a>	Appro 2222TS	2U, dual Opteron 248 2.2-GHz processors, up to 16G PC3200 ECC RAM, dual Gigabit NICs, two IDE/SCSI hard drives, two USB ports, CD-ROM drive; \$2,600 up
<b>Acme Micro Systems Inc.</b>	Acme A8414T Dual Opteron 4U Rackmount Storage Server	4U rackmount, dual Opteron motherboard, dual Opteron sockets, 8 DIMMs for support of up to 16G RAM, four PCI-X slots, EIDE controller, case; \$1,705 up
<b>Boldata Technology Inc.</b> Fremont, Calif.   800-923-2653 <a href="http://www.boldata.com">www.boldata.com</a>	M64S-4640	4U rackmount, quad Opteron 800 Series processors, up to 321G PC3200/2700 DDR SDRAM, four external hot-plug SCSI disks; \$7,215 up
<b>FreeBSD Systems</b> Toronto   877-963-1900 <a href="http://www.freebsdsystems.com">www.freebsdsystems.com</a>	iNET2464	2U rackmount, one Opteron 244 processor at 1.8 GHz, one 36G 10,000-rpm Ultra320 hard drive, Tyan Thunder K8S Server Board, 1G RAM, dual Ethernet controllers, DVD-ROM drive, 1.44M floppy drive, 24-inch mounting rails; \$3,018
<b>Hewlett-Packard Co.</b>	ProLiant DL145	1U rackmount, one 248 Opteron processor at 2.2 GHz, 2G PC2700 DDR SDRAM, two ATA 100 or U320 drive bays, 40G ATA 7,200-rpm hard drive; \$2,999
<b>IBM Corp.</b>	eServer 325	1U rackmount, dual Opteron processors at user-selectable speeds, up to 12G PC2700 DDR SDRAM, two 64-bit PCI-X slots, support for two hot-plug Ultra320 SCSI or IDE hard drives, integrated Ultra320 SCSI controller, dual Gigabit Ethernet NICs; \$2,919 with one processor and 1G of RAM
<b>Monarch Computer Systems</b> Tucker, Ga.   770-939-8886 <a href="http://www.monarchcomputer.com">www.monarchcomputer.com</a>	ULB 64-2003/2004 (Opteron)	Tower configuration, dual Opteron processors (one 248 2.2-GHz included), 4G RAM, one 36G 10,000-rpm hard drive; \$2,936 as configured
<b>Newisys Inc.</b> Austin, Texas   5121-340-9050 <a href="http://www.newisys.com">www.newisys.com</a>	Newisys 4300	4U rackmount, four Opteron MP 848 processors, up to 32G of DDR333 RAM, one to six 36G to 146G U320 SCSI drives for storage, optional DVD-ROM and floppy drive combo, embedded U3209 controller, seven PCI-X slots; \$12,594 up
<b>Penguin Computing Inc.</b> San Francisco   415-954-2800 <a href="http://www.penguincomputing.com">www.penguincomputing.com</a>	Altus 4200	4U rackmount, two Opteron 800 processors, 4G PC2100 ECC RAM, up to seven 3.5-inch SCSI drives, dual Gigabit Ethernet ports, three PCI slots, hot-plug power supply; \$17,729
<b>PCs for Everyone</b> Cambridge, Mass.   617-395-7200 <a href="http://www.pcsforeveryone.com">www.pcsforeveryone.com</a>	1U1 Opteron Rack IDE	1U rackmount, one Opteron 240 processor at 1.4 GHz with 1M cache, 256M PC2100 ECC DDR SDRAM, 40G 7,200-rpm hard drive, CD-ROM drive, 10/100 network controller; \$2,532
<b>Polywell Computers Inc.</b> South San Francisco, Calif. 800-999-1278 <a href="http://www.polywell.com">www.polywell.com</a>	PolyRaxx 8400AM Quad Opteron Server	4U rackmount, four 840 Opteron processors at 1.4 GHz, 2G PC2700 ECC RAM, four 36G 15,000-rpm hard drives, Gigabit Ethernet NIC; \$12,449
<b>Puget Custom Computers</b> Seattle   425-885-7014 <a href="http://www.pugetsystems.com">www.pugetsystems.com</a>	Quad Opteron Server	4U rackmount, four 840 Opteron processors at 1.4 GHz, 4G DDR333 ECC RAM, one 36G 1,500-rpm hard drive; \$11,301 up
<b>Solid Electric Inc.</b> Palo Alto, Calif.   877-426-3744 <a href="http://www.gamepc.com">www.gamepc.com</a>	WS4U/300	4U rackmount, dual 248 Opteron processors at 2.2 GHz, 2G PC3200 ECC REG DDR RAM, dual ATA/150 250G hard drives; \$4,884
<b>SW Technology</b> Richardson, Texas   972-907-0871 <a href="http://www.swt.com">www.swt.com</a>	Quad Opteron 846	4U rackmount, quad 848 Opteron processors, 2M PC2700 DDR SDRAM, one Ultra320 10,000-rpm SCSI hard drive, CD-ROM, 2 Gigabit Ethernet NICs; \$23,499 up
<b>Sun Microsystems Inc.</b> Santa Clara, Calif.   650-960-1300 <a href="http://www.sun.com">www.sun.com</a>	Sun Fire V20z Server	2U rackmount, two 248 Opteron processors at 2.2 GHz, 4G RAM, one 36G 15,000-rpm hard drive, 20 Gigabit Ethernet ports, two PCI-X slots, one USB port, CD-ROM; \$6,995
<b>Tatung Science and Technology Inc.</b> Fremont, Calif.   800-659-5902 <a href="http://www.tsti.com">www.tsti.com</a>	TS-1881-K01	1U rackmount, one 240 Opteron processor at 1.4 GHz, 512M of ECC RAM, one 36G 15,000-rpm hard drive, CD-ROM, one 64-bit PCI-X slot, one 32-bit PCI slot; \$2,140 up