

Gigabit switch/routers

Vendor	Product	Configuration	IPv6-enabled	Ports	Switching capacity	Price
3Com Corp. Marlborough, Mass. (508) 323-5000 www.3com.com	SuperStack 3 Switch 4950	Stackable	No	12 autosensing 10/100/1000 Ethernet ports, six 1000Base-LX ports, six Gigabit interface converter ports for 100Base-LX or 1000Base-LH70	24Gbps	\$5,423
Adtran Inc. Huntsville, Ala. (256) 963-5000 www.adtran.com	NetVanta 1224R/1224 STR PoE	Modular	No	Two autosensing 10/100/1000Base-T ports, two small-form-factor pluggable slots for optical connectivity, 24 10/100 Fast Ethernet ports	4.4 to 8.8Gbps	\$2,195 to \$2,295
Alcatel Calabasas, Calif. (800) 995-2612 www.alcatel.com	OmniSwitch OS6800-24	Stackable	Yes	24 autosensing 10/100/1000Base-T ports, four Gigabit combo ports, two Gigabit stacking ports	30Gbps	\$4,495
Asante Technologies Inc. San Jose, Calif. (408) 435-8388 www.asante.com	IntraCore IC35516-T	Modular	No	16 autosensing 10/100/1000Base-T ports, four 1000Base-X ports	20Gbps	\$2,277
Cisco Systems Inc. San Jose, Calif. (408) 526-4000 www.cisco.com	Catalyst 3750-48TS	Stackable	Yes	48 autosensing 10/100/1000Base-T ports, four SFP uplinks	48Gbps	\$5,348
Dell Computer Corp. Round Rock, Texas (512) 338-4400 www.dell.com	PowerConnect 6024	Stackable	No	24 autosensing 10/100/1000Base-T ports, eight fiber SFP Gigabit slots	32Gbps	\$3,848
D-Link Systems Inc. Fountain Valley, Calif. (800) 326-1688 www.dlink.com	xStack DXS-3326GSR	Stackable	Yes	24 Gigabit SFP fiber slots with four combo 10/100/1000 ports, two 10-GbE stacking ports, two optional 10-GbE uplinks	44Gbps	\$5,573
Enterasys Networks Inc. Andover, Mass. (978) 684-1000 www.enterasys.com	X-Pedition 8000	Modular	Yes	112 10/100Base-TX ports, 56 10/100 Fast Ethernet fiber, 28 Gigabit 1000Base-LX or 1000Base-FX ports	44.8Gbps	\$5,899 and up
Extreme Networks Inc. Santa Clara, Calif. (408) 579-2800 www.extremenetworks.com	Summit 200-48	Stackable	Yes	48 autosensing 10/100Base-T ports, four Gigabit uplinks (two 10/100/1000Base-T and two mini-GBIC)	8.8Gbps	\$2,690
Hewlett-Packard Co. Palo Alto, Calif. (650) 857-1501 www.hp.com	ProCurve Switch 4160gl	Stackable	No	60 autosensing 10/100/1000Base-T ports, supports a maximum of 192 10/100 or 160 Gigabit ports and 16 mini-GBICs or a combination, five open module slots	60Gbps	\$5,264 and up
Netgear Inc. Santa Clara, Calif. (408) 907-8000 www.netgear.com	ProSafe FSM7326P	Modular	No	24 10/100 ports with two Gigabit Ethernet ports with fiber options (two SFP GBIC slots)	4.4Gbps	\$1,299
Nortel Networks Inc. Santa Clara, Calif. (408) 495-2400 www.nortel.com	Ethernet Routing Switch 5510-24T	Stackable	Yes	24 autosensing 10/100/1000Base-T ports, two SFP GBIC ports	26Gbps	\$3,222

10-Gigabit switch/routers

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3Com Corp. Marlborough, Mass. (508) 323-5000 www.3com.com	Switch 8800 Series	Supports more than 10,000 nodes; 1.44Tbps backplane, 24 10-GbE or 288 Gigabit ports; Layer 2/3/4 switching and routing; IPv6 pending	\$25,995 to \$35,995
Alcatel Calabasas, Calif. (800) 252-2835 www.alcatel.com/enterprise	Omniswitch 8800 Series	18-slot modular chassis; aggregate switch port capacity of 384 full-duplex Gigabit Ethernet; 10-GbE network interface with 88 Gigabit Ethernet ports of various types; IPv6 pending	\$40,000 and up
Avici Systems Inc. North Billerica, Mass. (978) 964-2000 www.avici.com	Terabit Switch Router	Multiservice switch/router; 40 router module slots and up to four controller slots for hot standby redundancy; 10-GbE interface, 8 Gigabit slots, multiple OC-3c, OC-48c and OC-192c slots; IPv6 pending	\$354,000 and up
Avaya Inc. Basking Ridge, N.J. (866) 402-8292 www.avaya.com	C460 Converged Multilayer Switch	Connects to end-station servers and IP telephony endpoints; modular six-slot chassis supports up to 192 10/100 PoE and eight Gigabit Ethernet interfaces, or up to 48 Gigabit Ethernet interfaces; IPv6 pending	Contact vendor
Broadcom Corp. Irvine, Calif. (949) 450-8700 www.broadcom.com	StrataXGS 600 Series	Multiprotocol label switching, service provider bridging, stacked Layer 2 services, extensive Layer 2 and Layer 3 IPv6 tunneling, VLAN services; provides both 10-GbE and Gigabit Ethernet interfaces; IPv6-enabled	Contact vendor
Cisco Systems Inc. San Jose, Calif. (408) 526-4000 www.cisco.com	Catalyst 6500 Series	Multilayer modular switch/router; scales from 48- to 1,152-port 10/100/1000 Ethernet; can support up to 192 Gigabit Ethernet or 32 10-GbE trunks; IPv6-enabled	\$13,000 to \$74,995
Enterasys Networks Inc. Andover, Mass. (978) 684-1000 www.enterasys.com	Matrix N-Series	Up to a seven-slot chassis with hot-swappable power supplies; interswitch links provide between 20Gbps to 80Gbps of switching capacity per link; scales up to 1.68 Tbps; IPv6-enabled	\$15,000 and up
Extreme Networks Santa Clara, Calif. (408) 579-2800 www.extremenetworks.com	BlackDiamond IOK	Scalable modular chassis; 1.28Tbps total switching capacity; 48 ports of 10-GbE Ethernet, 480 Gigabit Ethernet ports, 480 10/100/1000Base-T ports; IPv6-enabled	\$14,995 and up
Force10 Networks Inc. Milpitas, Calif. (866) 600-5100 www.force10networks.com	TeraScale E-Series	End-to-end switching/routing; up to 14 line cards with up to 90 ports of Gigabit Ethernet per card or four 10-GbE Ethernet ports; up to 1.68Tbps capacity; IPv6-enabled	\$55,000 and up
Foundry Networks Inc. San Jose, Calif. (408) 586-1700 www.foundrynet.com	BigIron M88	480Mbps routing; distributed nonblocking 1.28Tbps switching architecture; eight interface slots with up to 96 10-GbE ports and 1,440 Gigabit Ethernet ports per seven-foot rack; IPv6-enabled	\$26,246 and up
Hewlett-Packard Co. Palo Alto, Calif. (650) 857-1501 www.hp.com	Procurve Network Routing Switch 9300m Series	Scalable, multilayer switching; up to 28-GbE, 232 Gigabit or 672 10/100 ports, or a combination; 480 Gbps routing/switching capacity; IPv6-enabled	\$6,895 to \$16,394
Juniper Networks Sunnyvale, Calif. (408) 745-2000 www.juniper.net	T-Series	Multiservice switch/router model 640 supports up to 32 10-GbE ports and 320 Gigabit ports; 40Gbps of front panel throughput and 1.2 Tbps of rear-panel throughput; IPv6-enabled	\$75,000 and up