

Wireless LAN Hardware

Vendor	Product	Type (1)	Key Features	Max. data rate	Wireless and security standards (2)	Physical network and connectors	Network management support (2)	Price (3)
3Com Corp. Marlborough, Mass. 508-323-5000 www.3com.com	3Com OfficeConnect Wireless 108 Mbps 11g PoE Access Point	Access point	Small/medium-size businesses; rogue detection, flexible VLAN groups	108Mbps	802.11b/g, 802.1x, WEP, WPA, AES, TKIP, EAP	Power-over-Ethernet, serial	CLI, HTTP, SNMP, Web browser	\$199 (\$160-\$165 street)
	3Com Wireless LAN Access Point 8250	Access point	Dynamic VLAN assignment and rate shifting, Clear Channel Select for choosing best wireless channel	54Mbps	802.11g, 802.11a (optional), WEP, WPA, AES, TKIP	Power-over-Ethernet	3Com Network Supervisor, SNMP, Web browser	\$339-\$379 street
	3Com Wireless LAN Access Point 8750	Access point	Dual radios, dynamic VLAN assignment and rate shifting, Clear Channel Select	54Mbps	802.11a/b/g, WEP, WPA, AES, TKIP	Power-over-Ethernet	3Com Network Supervisor, SNMP, Web browser	\$390-\$419 street
Aruba Wireless Networks Sunnyvale, Calif. 408-227-4500 www.arubanetworks.com	Aruba 60 Series	Access point	Single radio, deployable on existing wired jacks, Kensington security lock	54Mbps	802.11a or 802.11b/g, WEP, TKIP, AES	Power-over-Ethernet, serial	CLI, SNMPv3, Web browser	\$295
	Aruba 800 Series	Switch	Stackable, IU configuration, 256 simultaneous VPNs, hardware-accelerated encryption, RF load balancing, rogue and denial-of-service detection	200 Mbps	802.11a/b/g, 802.1x, TKIP, 802.11d/i, WEP, WPA, WPA2, AES, 3DES, EAP	Power-over-Ethernet (8), Gigabit Ethernet, serial	CLI, SNMPv2, SSH, Syslog, Telnet	\$1,995
	Aruba 2400 Series	Switch	Intended for regional HQs and dense environments; stackable, IU configuration, 512 simultaneous VPNs, hardware-accelerated encryption, RF load balancing	400 Mbps	802.11a/b/g, 802.1x, TKIP, 802.11d/i, WEP, WPA, WPA2, AES, 3DES, EAP	Power-over-Ethernet (24), Gigabit Ethernet (2), serial	CLI, SNMPv2, SSH, Syslog, Telnet	\$8,995
	Aruba 5000 Series	Switch	Stackable, 3U configuration, stateful firewall, hardware-encryption, extensive authentication services	4 Gbps	802.11a/b/g, 802.1x, TKIP, 802.11d/i, WEP, WPA, WPA2, AES, 3DES, EAP	Power-over-Ethernet (72), Gigabit Ethernet (6), serial	CLI, SNMPv2, SSH, Syslog, Telnet	\$13,995
Avaya Inc. Basking Ridge, N.J. 866-462-8292 www.avaya.com	AP-8 Wireless Access Point	Access point	Dual radios, adjustable cell coverage sizes, multiple security settings, per user/session keys, rogue detection	54 Mbps	802.11a, 802.11b/g, WPA	Power-over-Ethernet, serial	CLI, HTTPS, SNMPv3, Syslog, Telnet, Web browser	\$680
	W110 Access Point/W310 Wireless LAN Gateway	Access point and gateway	Rogue detection, voice support, quality of service, access point preauthentication, load balancing	54 Mbps	802.11a/b/g, 802.1x, WEP, WPA, TKIP, EAP	Power-over-Ethernet (16), Gigabit Ethernet (2)	SNMP	\$8,195
Cisco Systems Inc. San Jose, Calif. 800-553-6387 www.cisco.com	Cisco 1000 Series Lightweight Access Point (formerly Airespace 1250 Access Point)	Access point	Dual radios, monitoring, data forwarding, QoS, zero-touch configuration/management; requires 2000 or 4100 series controller	54 Mbps	802.11a, 802.11b/g, LWAPP, WEP, WMM, WPA, WPA2	Ethernet, Power-over-Ethernet	LWAPP	\$599
	Cisco 2000 Series Wireless LAN Controller (formerly Airespace 3500)	Controller	Dynamic channel assignment, interference detection and avoidance, load balancing, coverage hole correction; for small-to-medium sites	54 Mbps	802.11a/b/d/g/h/i/X, AES, EAP, LWAPP, TKIP, WEP, WPA, WPA2	Ethernet (4), serial	FTP, HTTP, HTTPS, SNMPv3, Syslog, Telnet	\$3,250
	Cisco Aironet 1200 Series Access Point	Access point	Single or dual-radio configurations, hardware-assisted AES, rugged metal housing	54 Mbps	802.11b/g, 802.11a (optional), 802.11i, 802.1x, AES, TKIP, WEP, WPA, WPA2	Ethernet, Power-over-Ethernet	FTP, HTTPS, SNMP, Telnet	\$899 (dual radio, \$999)
	Cisco Aironet 1300 Series Outdoor Access Point and Wireless Bridge	Access point, bridge	Configurable access point, bridge, or workgroup bridge; ruggedized enclosure, up to 16 virtual LANs, Fast Secure Roaming	54 Mbps	802.11b/g, 802.1x, 802.11i	Ethernet (2), serial, TKIP, AES, WPA, WPA2, EAP	FTP, HTTP, SNMPv2, Telnet, Web browser, CiscoWorks	\$1,399
	Cisco Aironet 1400 Series Wireless Bridge	Bridge	Suitable for metro hot spots or campus WiFi; ruggedized, weather-proof indoor/outdoor design	54 Mbps	802.11a, 802.1x, TKIP, 802.11i, EAP	Ethernet	FTP, HTTP, SNMPv2, Telnet, Web browser	\$4,999
	Cisco Catalyst 6500 Series Wireless LAN Services Module	Switch	Add-in module for Catalyst 6500 Series switches; intelligent network services, up to 16 VLAN-less groups	54 Mbps	802.11a/b/g, 802.1x, EAP	Ethernet (48) via switch; Power-over-Ethernet (optional)	CLI, other standard network tools	\$18,000
Enterasys Networks Inc. Andover, Mass. 877-801-7082 www.enterasys.com	RoamAbout AP3000	Access point	Dual radios, up to 64 virtual LANs, per-session/user encryption, rogue detection, virtual AP (up to 16 SSIDs)	54 Mbps	802.11a/g, 802.11b, 802.11h & i-ready, AES, WEP, WPA, 802.1x	Ethernet, Power-over-Ethernet, serial	CLI, HTTP/HTTPS, Net-Sight, SNMPv3, Telnet	\$499
	RoamAbout RBT-8100	Switch	Authentication tracking and roaming, virtual private group membership, personal firewalls, IP multicast support	54 Mbps	802.11a/b/g, 802.1x, 802.11i, WEP, EAP, TKIP, AES, X.509	Ethernet, Gigabit Ethernet	HTTPS, SNMPv2, Syslog, Telnet, XML	\$6,495
Foundry Networks Inc. San Jose, Calif. 888-887-2652 www.foundrynet.com	IronPoint 200	Access point	Dual radios, FastIron switch integration, up to 64 virtual LANs, rogue detection, flexible full- or thin-AP configurations, management VLAN, redundancy	108 Mbps	802.11a/b/g, 802.11a-Turbo, 802.11i-ready, draft 802.11f, 802.11x, AES, EAP, WEP, WPA	Ethernet, Power-over-Ethernet	CLI, HTTP/HTTPS, SMTP, SNMPv3, SSHv2, Syslog, Telnet, IronView Network Manager	\$795
Nortel Networks Ltd. Brampton, Ontario 800-466-7835 www.nortel.com	WLAN 2200 Series	Access points, switches	RF domain control, rogue detection, multiple VLANs, hybrid AP configurations, full enterprise roaming	108 Mbps	802.11a/b/g, WEP, WPA, WPA2, TKIP, 802.11i, 802.1x	Power-over-Ethernet	Web browser	\$8,440 and up
Proxim Corp. Sunnyvale, Calif. 800-229-1630 www.proxim.com	ORINOCO AP-700	Access point	Entry-level AP for small-/medium-size businesses; user-selectable 802.11a or b/g, rogue detection	54 Mbps	802.11a or 802.11b/g, 802.11e (draft), 802.11i, AES	Power-over-Ethernet, serial	CLI, HTTPS, SNMPv3, Syslog, Telnet	\$449
	ORINOCO AP-4000	Access point	Tri-mode AP for large enterprise/metro hot spots; dual radios, rogue detection, per user/session keys	40 Mbps	802.11a/b/g, 802.11e (draft), 802.11i, AES	Power-over-Ethernet, serial	CLI, HTTPS, SNMPv3, Syslog, Telnet	\$649
	ORINOCO Smart Wireless Controller	Controller	Fast VLAN roaming, distributed tunneling, dual, redundant Ethernet ports, failover	200 Mbps (via wired Ethernet)	802.11a/b/g, WPA2	Ethernet (2), serial	Telnet	\$2,999
	Tsunami QuickBridge.11 Family	Bridge	Dual radios, outdoor installation, bandwidth rate limiting	54 Mbps	802.11a/b/g, AES	Power-over-Ethernet, serial	CLI, SNMPv2, Telnet, Web browser	\$2,099-\$3,999
Trapeze Networks Pleasanton, Calif. 877-359-8779 www.trapezenetworks.com	MP-352	Access point (requires switch)	Dual radio, smoke-detector form factor, internal antenna (external optional), Kensington security lock, rogue detection	54 Mbps	802.11a/b/g, 802.11h/i WEP, TKIP, AES	Power-over-Ethernet (2)	Ringmaster	\$549
	MX-20	Switch	Personal firewall filters, virtual private group membership, systemwide roaming, redundant power supplies	54 Mbps	802.11d/h/l, 802.1x, WEP, TKIP, AES, X.509, EAP	Power-over-Ethernet (20), Gigabit Ethernet (2)	HTTPS, Ringmaster, SNMP, SSH, Telnet	\$9,495

1 Some hardware packages also include handsets and wireless adapters for client systems
 2 List is not exhaustive; most prominent/latest versions shown
 3 Most systems also require management software (price not included)