

Of seven wireless units tested, most have fast, consistent transfer rates, but their security features vary from good to inadequate

GCNLAB	Aironet 350	Orinoco AP-2000	ME102	AP 8000	DWL-6000AP	WAPII Version 2.2	SMC2655W
Vendor	Cisco Systems Inc. San Jose, Calif. tel. 408-526-4000 www.cisco.com	Proxim Inc. Sunnyvale, Calif. tel. 408-731-2700 www.proxim.com	Netgear Inc. Santa Clara, Calif. tel. 408-907-8000 www.netgear.com	3Com Corp. Santa Clara, Calif. tel. 408-326-5000 www.3com.com	D-Link Systems Inc. Anaheim, Calif. tel. 949-788-0805 www.dlink.com	Linksys Group Inc. Irvine, Calif. tel. 949-261-1288 www.linksys.com	SMC Networks Worldwide Irvine, Calif. tel. 949-707-2400 www.smc.com
100M transfer rate at 0 feet	5 minutes, 55 seconds	5 minutes, 13 seconds	7 minutes, 39 seconds	4 minutes, 28 seconds	4 minutes, 30 seconds	4 minutes, 52 seconds	6 minutes, 45 seconds
at 20 feet	5 minutes, 47 seconds	5 minutes, 10 seconds	5 minutes, 21 seconds	4 minutes, 46 seconds	4 minutes, 40 seconds	9 minutes, 11 seconds	6 minutes, 32 seconds
at 40 feet	5 minutes, 43 seconds	5 minutes,52 seconds	5 minutes, 24 seconds	5 minutes, 2 seconds	8 minutes, 4 seconds	8 minutes, 59 seconds	N/A
at 60 feet	5 minutes, 55 seconds	6 minutes, 27 seconds	5 minutes, 35 seconds	5 minutes, 30 seconds	33 minutes, 1 seconds	N/A	N/A
at 80 feet	6 minutes, 18 seconds	11 minutes, 48 seconds	5 minutes, 43 seconds	Died at 12 minutes, 32 seconds	Died at 4 minutes, 32 seconds	N/A	N/A
at 100 feet	5 minutes, 43 seconds	9 minutes, 2 seconds	6 minutes, 48 seconds	N/A	N/A	N/A	N/A
at 120 feet	6 minutes, 5 seconds	13 minutes,37 seconds	7 minutes, 30 seconds	N/A	N/A	N/A	N/A
Power over IP	Yes	No	No	Yes	No	No	No
Remote authentication dial-in user service	Yes	Yes	No	Yes	No	No	No
Dynamic shared key authentication	Yes	Yes	No	Yes	No	No	No
Closed network capabilities	Yes	Yes	No	Yes	AP SSID open, but closed to ANY SSID	Yes	Yes
Media access control address	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pros	+ Consistent and fast transfer rates	+ Consistent and fast transfer rates	+ Consistent and fast transfer rate	+ Excellent security features	+ Fast transfer rate	+ Easy install	None
Cons	– Cisco RADIUS server capabilities only	– Tough install	– Poor security	– Slow transfer rates	– Poor security	– Slow transfer rates	– Poor transfer rates – Terrible install with Windows 2000
Price	\$1,299 AP; \$199 PC Card	\$630 AP; \$119 PC Card	\$175 AP; \$79 PC Card	\$749 AP; \$119 PC Card	\$299 AP; \$79 PC Card	\$129 AP; \$79 PC Card	\$749 AP; \$119 PC Card
Overall Grade							