

## 802.11a products can boost wireless bandwidth in the office

<b>GCNLAB</b>	<b>NetGear HE102</b>	<b>Proxim Harmony</b>	<b>D-Link DWL-6000AP</b>	<b>SMC 2755W</b>	<b>Linksys WAP54A</b>
<b>Vendor</b>	NetGear Inc. Santa Clara, Calif. tel. 408-907-8000 <a href="http://www.netgear.com">www.netgear.com</a>	Proxim Corp. Sunnyvale, Calif. tel. 408-731-2700 <a href="http://www.proxim.com">www.proxim.com</a>	D-Link Systems Inc. Anaheim, Calif. tel. 949-788-0805 <a href="http://www.dlink.com">www.dlink.com</a>	SMC Networks Worldwide Irvine, Calif. tel. 949-707-2400 <a href="http://www.smc.com">www.smc.com</a>	Linksys Group, Inc. Irvine, Calif. tel. 949-261-1288 <a href="http://www.linksys.com">www.linksys.com</a>
<b>500M transfer at 0 feet</b>	9 minutes, 21 seconds	9 minutes, 51 seconds	10 minutes, 15 seconds	10 minutes, 13 seconds	9 minutes, 36 seconds
<b>100M transfer up to 20 feet</b>	2 minutes, 13 seconds	2 minutes, 4 seconds	2 minutes, 50 seconds	2 minutes, 29 seconds	1 minutes, 38 seconds
<b>100M transfer up to 40 feet</b>	3 minutes, 59 seconds	3 minutes, 11 seconds	5 minutes, 15 seconds	8 minutes, 32 seconds	N/A
<b>100M transfer up to 60 feet</b>	4 minutes, 3 seconds	4 minutes, 25 seconds	6 minutes, 14 seconds	8 minutes, 5 seconds	N/A
<b>100M transfer up to 80 feet</b>	5 minutes, 35 seconds	N/A	N/A	N/A	N/A
<b>Joins RADIUS server</b>	No	Yes	No	No	No
<b>SSID suppression</b>	No	Yes	No	No	Yes
<b>Pros</b>	+ Consistent, fast transfers	+ Consistent, fast transfers	+ Dual-band	+ Easy installation	+ Fast transfers
<b>Cons</b>	- No security extras	- Expensive	- Slow transfers	- Slow transfer	- Short signal distance
<b>Price</b>	\$233 plus \$40 PC Card	\$510 plus \$166 PC Card	\$269 plus \$139 PC Card	\$258 plus \$100 PC Card	\$280 plus \$50 PC Card
<b>Overall grade</b>					