



- The ProCurve Lifetime Warranty*, with next-business-day advance replacement included free of charge
- Free telephone and Web support
- Free software updates

ProCurve Networking by HP Wireless Device Selection Guide

Products	Wireless Access Point 10ag	Wireless Access Point 420	Wireless Access Point 530	Wireless Edge Services Modules (WESMzi, WESMxl)	Radio Ports (210, 220, 230)	ProCurve Mobility Manager 2.0
Ideal environment	Small business networks requiring wireless connectivity that is easy to set up and manage	Medium-to-large enterprise customers concerned about the added security risks of extending wireless access to a production network	Small organizations through to enterprise companies with satellite branches or campus environments	Campus deployments and medium-to-large remote sites, especially where secure networking or roaming is required		Medium-to-large enterprises that want to plan, deploy, manage, or extend wireless access
Customers' needs	<ul style="list-style-type: none"> • Ease of use, speed to deployment • Low-cost solution • Location flexibility • Small or no IT department • Cost-effective • Intuitive and simple configuration • Industry-standard security • Simultaneous, multiple wireless client support (IEEE 802.11a, b, and g) 	<ul style="list-style-type: none"> • Support for IEEE 802.11g wireless users • Flexibility of fallback support for IEEE 802.11b • Power over Ethernet • Fast, secure wireless access to network resources, e-mail, and the Internet • Interoperability with existing network 	<ul style="list-style-type: none"> • All-in-one solution with high resiliency, security, and manageability • Voice support and secure network access for guests • Power over Ethernet support for remote location deployment • Lower ownership cost with all-in-one standards-based solution with lifetime warranty* • Extended product life cycle with no-charge software updates • Unified manageability with wired infrastructure 	<ul style="list-style-type: none"> • Minimal incremental costs to add secure wireless to an existing ProCurve network • VoWLAN ready wireless enables full coverage model through seamless Layer 2/3 roaming, WMM, and SpectraLink VIEW certification • Identity-driven security unified across wired and wireless network • Scalable architecture, enabling simple and cost-effective expansions as business needs dictate • Easy-to-deploy secure wireless guest access 	<ul style="list-style-type: none"> • Ease of use through standards and intuitive configurations • Secure and scalable • Robust feature set • Power over Ethernet • Single or dual radio options • Wall or plenum mounting 	<ul style="list-style-type: none"> • Wireless network planning • Rogue access point detection and lockdown • Unified management across both wired and wireless • Simpler management tools • Insight into the current health of the wireless network • Visualization of wireless device locations
Competitive products	<ul style="list-style-type: none"> • 3Com Wireless 7760 • NETGEAR WAG102 • D-Link DWL-7200AP 	<ul style="list-style-type: none"> • Cisco Aironet 1100 • 3Com Wireless LAN Access Point 7000 Series • Proxim ORINOCO AP-600 b/g Access Point 	<ul style="list-style-type: none"> • Cisco Aironet 1130AG, 1240AG • 3Com Wireless LAN Access Point 8750 	<ul style="list-style-type: none"> • Cisco 4400 Series Wireless LAN Controllers • Cisco Catalyst 6500 WiSM Module • Aruba 2400 Mobility Controller • 3Com Wireless LAN Controller WX4400 	<ul style="list-style-type: none"> • Cisco Aironet 1000 Series • Trapeze Mobility Point 372 • 3Com 2750 • 3Com 3750 • Aruba 60 Series APs • Aruba 70 Series APs • Aruba 80 Series APs 	<ul style="list-style-type: none"> • Cisco WLSE • 3Com WSM and Network Administrator

Why choose ProCurve?

- Best value**—affordable excellence
- Easy to install and use**—plug and play
- Safe buy**—proven technology and solutions
- Worry-free**—highly reliable products, backed by lifetime warranty
- Easy integration into your network**—standards-based and interoperable

*For as long as you own the product, with next-business-day advance replacement (available in most countries). The following products and their related family modules have a one-year warranty with extensions available: ProCurve Routing Switch 9300m Series, ProCurve Switch 8100f Series, ProCurve Access Control Server 745wL, and ProCurve Network Access Controller 800. For details, refer to the ProCurve Software License, Warranty, and Support booklet at www.hp.com/rnd/support/warranty/index.htm



		Wireless Access Points			Wireless Edge Services Solution		ProCurve Mobility Manager
Subcategory	Feature	10ag	420	530	WESMzl	WESMxl	PMM 2.0
Product number		J9140A/J9141A	J8130B/J8131B	J8986A/J8987A	J9051A (primary) J9052A (redundant) ProCurve Switch 5400 and 8200 Series	J9001A (primary) J9003A (redundant) ProCurve Switch 5300 Series	J9074A (50-device) J9075A (+100-device) J9076A (unrestricted)
Management	Web browser	✓	✓	✓	✓	✓	
	ProCurve Manager Plus 2.3/ProCurve Mobility Manager 2.0	Discover, map, and launch Web interface	✓	✓	✓	✓	
	Guest Account Registration				✓	✓	
Security	IEEE 802.1X	✓	✓	✓	✓	✓	
	Choice of Wi-Fi Protected Access 2 (WPA2) or WPA	✓	✓	✓	✓	✓	
	RADIUS-based MAC authentication	✓	✓	✓	✓	✓	
	Access point (rogue AP) detection		✓	✓	✓	✓	Rogue AP detection
	User access control	Up to 8 SSIDs	Up to 8 SSIDs with separate VLAN, security, and authentication per SSID	Up to 16 SSIDs with separate VLAN, security, and authentication per SSID	Up to 4 SSIDs per radio	Up to 4 SSIDs per radio	
	ProCurve Identity Driven Manager (IDM)			✓	✓	✓	
Flexibility	Layer 2 radio port adoption				✓	✓	
	Layer 3 radio port adoption				✓	✓	
	Scalable and modular radio architecture				✓	✓	
Mobility	Layer 2 fast roaming				✓	✓	
	Layer 3 fast roaming				✓	✓	

		Wireless Access Points			Radio Ports			ProCurve Mobility Manager
Subcategory	Feature	10ag	420	530	210	220	230	PMM 2.0
Product number		J9140A/J9141A	J8130B/J8131B	J8986A/J8987A	J9004A	J9005A	J9006A	J9074A/J9075A/J9076A
Ports	10/100 ports	1	1	1	1	1	1	
Radio	Radio characteristics	Simultaneous 802.11a and 802.11b/g dual radio operation	802.11b/g single radio design	Advanced dual radio design with simultaneous 802.11 a/b/g plus 802.11b/g	802.11b/g single radio	Simultaneous 802.11a and 802.11b/g	Simultaneous 802.11a and 802.11b/g	
	Antennas	Integral 2.4 GHz 1.8 dBi diversity antennas; 5 GHz 1.8 dBi diversity antennas	Optional external antennas. 2.5 dBi Omni indoor antennas included	Per-radio integrated diversity antenna with omnidirectional coverage. Per radio external diversity antenna support included	Integrated diversity antenna with omnidirectional coverage	Requires the purchase of external antennas*	Integrated diversity antenna with omnidirectional coverage	
Dimensions		4.06 x 7.01 x 1.34 in. (0.3 x 17.8 x 3.4 cm)	8.59 x 5.41 x 1.29 in. (21.82 x 13.74 x 3.28 cm)	6.8 x 9.8 x 0.9 in. (17.27 x 21.83 x 2.29 cm)	6.9 x 9.8 x 1.67 in. (17.53 x 24.89 x 4.24 cm)	5.75 x 9.25 x 1.0 in. (14.61 x 23.5 x 2.54 cm)	6.9 x 9.8 x 1.67 in. (17.53 x 24.89 x 4.24 cm)	
Notes					Requires ProCurve Wireless Edge Services xl Module (J9001A) or ProCurve Wireless Edge Services zl Module (J9051A)			Requires ProCurve Manager Plus 2.3 or greater

- *External antennas:
- ProCurve 3 dBi Dual Band Diversity Antenna (J8997A)
 - ProCurve 6 dBi 5 GHz Omnidirectional Antenna (J8998A)
 - ProCurve 7 dBi Dual Band Directional Antenna (J8999A)
 - ProCurve 14 dBi 5 GHz Directional Antenna (J9000A)
 - ProCurve 14 dBi 5 GHz Directional Antenna (J9000A)
 - ProCurve 5 dBi Indoor/Outdoor Omnidirectional Antenna (J8441A)
 - ProCurve 8 dBi Outdoor Omnidirectional Antenna (J8444A)
 - ProCurve 14 dBi Yagi Antenna (J8448B)

For a complete list of these products' features and other ProCurve products, such as intelligent edge switches, WAN, mobility, and network management, please visit www.procurve.com