



- 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 Edge Device Selection Guide

Products	Wireless Access Point 10ag	Unmanaged series 1400 series 2300 series 2124 408	Web managed series 1800 series 1700 series	2510 series	2600 series	2810 series	2900 series	4200vl series
<b>Ideal environment</b>	Wireless connectivity that is easy to set up and manage	Networks requiring basic connectivity	Deploying basic network capabilities without complexity	Open-space deployment	Secure 10/100 connectivity and convergence solutions	Secure Gigabit to the edge	High-performance and secure 10/100/1000 connectivity with 10-Gigabit uplinks	Scalable and flexible infrastructure; chassis alternative to stackables
<b>Customers' needs</b>	<ul style="list-style-type: none"> <li>• Small or no IT</li> <li>• Cost-effective</li> <li>• Intuitive and simple configuration</li> <li>• Industry-standard security</li> <li>• Simultaneous, multiple wireless client support (802.11a, b, and g)</li> </ul>	<ul style="list-style-type: none"> <li>• Small networks</li> <li>• Basic connectivity</li> <li>• Plug &amp; play</li> <li>• Unrestricted network access</li> </ul>	<ul style="list-style-type: none"> <li>• Small or no IT department</li> <li>• Basic management and monitoring</li> <li>• Intuitive and simple configuration</li> <li>• Link aggregation for resiliency and increased performance</li> <li>• Honor prioritization of important traffic</li> <li>• Security via network segmentation</li> <li>• Open-space deployment enabled by fan-less design</li> </ul>	<ul style="list-style-type: none"> <li>• Built-in 10/100/1000 uplinks with optional Gigabit fiber uplinks</li> <li>• Open-space deployment enabled by fan-less design</li> <li>• Moderate management and monitoring</li> <li>• Easy to configure, with option for deploying additional networking capabilities</li> <li>• Network redundancy with link aggregation, and Spanning Tree Protocol</li> <li>• Security via network segmentation, management, and authentication</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced traffic filtering and prioritization for environments with delay-sensitive traffic such as voice and video</li> <li>• Multi-VLAN environments</li> <li>• Convergence deployments</li> <li>• Hardware redundancy with RPS</li> </ul>	<ul style="list-style-type: none"> <li>• Gigabit-enabled PCs and servers</li> <li>• High performance with 10/100/1000 connectivity</li> <li>• Advanced traffic monitoring</li> <li>• Advanced traffic prioritization</li> </ul>	<ul style="list-style-type: none"> <li>• Cost-effective and easy-to-deploy 10-GbE for virtual stacking and uplink</li> <li>• Large memory buffer to minimize dropped packets</li> </ul>	<ul style="list-style-type: none"> <li>• Flexibility, scalability, and high port density with modular form factor</li> <li>• Built-in RPS</li> </ul>
<b>Competitive products</b>	<ul style="list-style-type: none"> <li>• 3Com 7760</li> <li>• NETGEAR WAG102</li> <li>• D-Link DWL-7200AP</li> </ul>	<ul style="list-style-type: none"> <li>• 3Com Baseline Gigabit switches</li> <li>• 3Com Switch 8</li> <li>• 3Com Baseline 2000 Series</li> <li>• NETGEAR JGS524</li> <li>• NETGEAR GS108</li> <li>• NETGEAR FS108</li> <li>• NETGEAR FS116</li> <li>• NETGEAR JFS516NA</li> <li>• D-Link Giga Express 24p</li> <li>• D-Link DGS-2208R (NA)</li> <li>• D-Link DGS-1008D (EMEA)</li> <li>• D-Link DSS-16+</li> <li>• D-Link DES-1024D</li> <li>• D-Link DES-1016R+</li> <li>• D-Link DSS-8+</li> <li>• Linksys SD208</li> <li>• Linksys SD2008</li> <li>• Linksys SR2024C</li> </ul>	<ul style="list-style-type: none"> <li>• 3Com Baseline 2816SFP</li> <li>• 3Com Baseline Plus 2824 SFP</li> <li>• 3Com Baseline 2226+</li> <li>• 3Com Baseline Plus 2226</li> <li>• NETGEAR GSM724T</li> <li>• NETGEAR GS7xxTS</li> <li>• NETGEAR GS108T</li> <li>• NETGEAR FS728TS</li> <li>• NETGEAR FS726T</li> <li>• D-Link DGS-1224T</li> <li>• D-Link DGS-1216T</li> <li>• D-Link DES-1228</li> <li>• D-Link DES-1226G</li> <li>• Linksys SRW224</li> <li>• Linksys SRW2008</li> <li>• Linksys SRW2024</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Catalyst Express 500-24TT</li> <li>• 3Com Switch 4200</li> <li>• NETGEAR FSM726S</li> <li>• NETGEAR FSM726</li> <li>• D-Link DES-3226S/L</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 2960 Series</li> <li>• 3Com SS3 3200 Series</li> <li>• 3Com 4500 Series</li> <li>• Nortel Ethernet Switch 400 Series</li> <li>• NETGEAR FSM7xx</li> <li>• NETGEAR FS7xx</li> <li>• Extreme Summit 300 Series</li> <li>• D-Link DES-3226L</li> <li>• D-Link DES-3828 Series</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 2960G</li> <li>• Cisco Catalyst 2948</li> <li>• 3Com Superstack 38xx</li> <li>• 3Com 4200G</li> <li>• Nortel 5510</li> <li>• NETGEAR GSM7248</li> <li>• NETGEAR GSM7324</li> <li>• D-Link DGS-3048</li> <li>• D-Link DGS-3224TGR</li> <li>• D-Link DGS-3024</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 2960G</li> <li>• 3Com 4500</li> <li>• 3Com 3870</li> <li>• Nortel 5510</li> <li>• Nortel 5530</li> <li>• NETGEAR GSM73xx</li> <li>• D-Link DGS-34xx</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 2960 Series</li> <li>• 3Com SS3 Switch 4400</li> <li>• 3Com Switch 4500 Series</li> <li>• Nortel Ethernet Routing Switch 5510</li> </ul>

**Why choose ProCurve?**

- Best value**—Affordable excellence
- Easy to install and use**—Plug & 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 8100i Series, ProCurve Access Control Server 745w, 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](http://www.hp.com/rnd/support/warranty/index.htm)



Subcategory	Feature	Wireless Access Point		Unmanaged			Web Managed		Layer 2		Layer 3				
		10ag	408	2124	2312/2324	1400-8G/ 1400-24G	1700-8/ 1700-24	1800-8G/ 1800-24G	2510-24	2810-24G/ 2810-48G	2626/ 2650	2600-8-PWR/ 2626-PWR/ 2650-PWR	2900-24G/ 2900-48G	4200vl series	
Product number		J9140A J9141A	J4097C	J4868A	J4817A/J4818A	J9077A/J9078A	J9079A/J9080A	J9029A/J9028A	J9019B	J9021A/J9022A	J4900C/J4899C	J8762A/J8164A/ J8165A/	J9049A/J9050A	J8772A/J8770A/ J9064A/J8773A/ J9030A/J8775A	
Form factor	Form factor		Desktop	Stackable	Stackable	Desktop/ Stackable	Desktop/ Stackable	Desktop/ Stackable	Stackable	Stackable	Stackable	Stackable	Stackable	Chassis	
Ports* & media support	10/100 ports	1	8	24	12/24		7/22		24		24/48	8/24/48		Up to 192*	
	10/100/1000 ports					8/22	1/0	8/22		20/44			20/44	Up to 192*	
	Mini-GBIC slots													Up to 32*	
Uplink flexibility	Dual-personality (10/100/1000 or mini-GBIC)					0/2	0/2	0/2	2	4/4	2/2	1/2/2	4/4		
	Number of transceiver slots			1	2										
	100-FX support			•	•				•	•			•	•	
	10-GbE CX4 ports												2/2		
	10-GbE X2 slots												2/2		
Management*	Web browser	•					•	•	•	•	•	•	•	•	
	SNMP								•	•	•	•	•	•	
	CLI								•	•	•	•	•	•	
	PCM	Discover, map, & launch Web interface					Discover, map, & launch Web interface	Discover, map, & launch Web interface	Discover, map, & configure	Discover, map, & configure	Discover, map, & configure	Discover, map, & configure	Discover, map, & configure	Discover, map, & configure	
Scalability	IP virtual stacking								•	•	•	•	•	•	
	MAC address table size		1,000	4,096	4,096	8,000	8,000	8,000	8,000	8,000	8,000	8,000	64,000	10,000	
Network resiliency	IEEE 802.3ad link aggregation/LACP						•	•	•	•	•	•	•	•	
	Spanning Tree								IEEE 802.1s	IEEE 802.1s	IEEE 802.1s	IEEE 802.1s	IEEE 802.1s	IEEE 802.1s	
QoS	IEEE 802.1P Priority queues					4	4	4	4	4	4	4	8	4	
	Packet priority honor						•	•	•	•	•	•	•	•	
	DiffServ honor/mark and remark								•	•	•	•	•	•	
Security	IEEE 802.1Q VLANs						64	64	64	256	253	253	256	256	
	TACACS+ authentication								•	•	•	•	•	•	
	SSH/SSL								•	•	•	•	•	•	
	IEEE 802.1X								•	•	•	•	•	•	
	Web-based authentication								•	•	•	•	•	•	
	MAC-based authentication								•	•	•	•	•	•	
Routing	IP static routing										•	•	•	•	
	RIP routing												•	•	
Traffic monitoring	RMON (4 groups)								•	•	•	•	•	•	
	sFlow									•			•	•	
Convergence	IEEE 802.3af PoE											•			
	LLDP						•	•	•	•	•	•	•	•	
	LLDP-MED										•	•	•	•	
	RPS												•	•	
Mobility	Wireless client supported	802.11a, 802.11b, & 802.11g										External	External	External	Internal
	Number of radios	2													
	Optional PoE power	•													
	Wi-Fi certified	•													

\* Number of ports supported is dependent on the chassis type and modules installed

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](http://www.procurve.com).