



Whether you're a small business or a large enterprise, HP has a full line of networking solutions to match your unique imaging and printing environment—including external, internal, and embedded HP Jetdirect print servers.

Make the most of your imaging and printing environment

HP Jetdirect print servers do more than simplify printer sharing—they also increase efficiency, which helps you reduce costs.

With HP Jetdirect you can:

- Place a network printer wherever it's most convenient for users.
- Offload printing tasks from a network server or shared client.
- Improve printing performance with fast, reliable networking.
- Increase security with encrypted configuration methods as well as enhanced security features on some models.
- Use the latest technology to print wired or wirelessly.
- Keep up-to-date with firmware enhancements via upgradeable flash memory.

Install and manage with ease

Easily install devices on the network with the HP Install Network Printer Wizard. Manage your printers remotely with HP Web Jetadmin and the HP Embedded Web Server. HP Jetdirect print servers offer one-to-one network configuration and management, plus useful printer diagnostics—all from any standard web browser.

Gain the Jetdirect advantage

Why do people choose HP Jetdirect print servers over any other brand? With proven reliability, ease of use, high performance, broad compatibility, exceptional device management tools, advanced security features, and award-winning service, HP innovation delivers the best overall value.

We have shipped millions of HP Jetdirect print servers since 1990 and we're continuing our leadership in the marketplace, providing networking solutions for businesses around the globe.

EXTERNAL print servers



An external print server interfaces with an HP or non-HP printer or MFP via its parallel or USB port and requires an external power supply. HP currently offers two external print servers:

- Get simple Fast Ethernet/Ethernet networking via your device's parallel port with the HP Jetdirect 300x print server (J3263G).
- Share HP printers and MFPs via wireless or wired networks with the USB-connected HP Jetdirect ew2500 802.11b/g wireless print server (J8021A).

Flexible. As the hub of all your printing jobs, the print server eliminates the need for a PC wholly dedicated to print sharing. With a wireless connection, the printer or MFP won't require a network cable, enabling more convenient device placement around the office.

Compatible. HP Jetdirect print servers are designed to fit seamlessly into your existing network:

- An external print server is a good fit for ordinary print settings where an internal print server is not supported.
- HP external print servers support both Microsoft® and Macintosh operating systems.
- The ew2500 is Wi-Fi certified for compatibility with 802.11b/g wireless networks. It ensures secure wireless transmission of data with support for WPA and WPA2 security standards, as well as WEP encryption (40/64-bit and 104/128-bit).

Simple installation. Everything you need is included in the box, so you can set up, install, and get straight to business.

INTERNAL print servers



An internal print server plugs into a slot on a printer or MFP and does not require an external power supply or interface cable. HP currently offers three internal print servers:

- Easily and affordably share HP products with EIO slots using the HP Jetdirect 620n Fast Ethernet print server (J7934G).
- Enable Gigabit or Fast Ethernet networking, transition from IPv4 to IPv6, and employ IPsec security with the HP Jetdirect 635n IPv6/IPsec print server (J7961G).
- Upgrade to wireless while maintaining broad compatibility, enterprise-class security, and complete manageability with the HP Jetdirect 690n IPv6/IPsec 802.11b/g wireless print server (J8007G).

Advanced security and IPv6 compatibility. A component of the IPv6 specification, IPsec works over both IPv4 and IPv6 and provides robust authentication and encryption. Additional 635n and 690n security features include password-protected configuration, SSL, TLS, SNMP version 3, 802.1x authentication, and IPP over TLS.

Gigabit speed. With the 635n, boost data transmission speeds in the face of increasing network traffic and implement a high-performance networking solution for complex print jobs and busy workgroups. If you have a Fast Ethernet network, the print server provides investment protection for future Gigabit network deployments.

Wireless printing. Provide 802.11b/g wireless printer connectivity to your mobile workforce and eliminate the hassle of running extra network cables with the 690n.

EMBEDDED print servers



An embedded print server—included on the formatter boards of many HP printers, MFPs, and digital senders—shares the CPU and memory of the host device. Unlike an internal print server, an embedded print server has fewer components and does not require an EIO interface between the formatter board and the print server.

Excellent return on network investment. Throughput speeds of up to 4.5 MB/second boost your network performance, while advanced security features safeguard your network devices.

Effortless sharing. With support for a broad range of network operating systems and protocols, HP Jetdirect embedded print servers are compatible with virtually any office environment.

Ready for future needs. HP's network-capable peripherals also feature EIO slots or a USB port for advanced or additional networking solutions, such as Gigabit Ethernet or 802.11b/g wireless.

Choose the features that best MEET YOUR BUSINESS NEEDS with **HP PRO** or **HP ENTERPRISE** network solutions

HP offers two different levels of firmware feature sets—Pro and Enterprise—so you can implement the solution that best meets your business needs.

- **Pro** networking offers expanded support for network operating systems and protocols, enhanced performance, basic HP Web Jetadmin management, and security features. It's the best HP solution for small to medium sized businesses.
- **Enterprise** networking is for organizations and businesses with complex, leading-edge IT infrastructure needs that require centralized management of peripherals. It includes enterprise-class security features, the highest level of performance, and support for the most complex set of network operating systems, protocols, and enterprise management applications. It's the best HP solution for global enterprises in a managed, distributed, client-server connected environment.

		HP PRO NETWORK SOLUTIONS									
Devices	HP LaserJet printers and MFPs	P2015 3050 MFP series 3390 MFP		M1522 MFP M2727 MFP	P2055		M1530 MFP		M175nw		
	HP Color LaserJet printers and MFPs	2605dn 2700 2800 AiO series	CM1017 MFP	CP1510 series		CM1312 MFP CP2025 CM2320 MFP CP5225	CM1410 series CP1520 series	CP1020		M275	
Features	Standard protocols										
	TCP/IPv4	■	■	■	■	■	■	■	■	■	■
	DHCP	■	■	■	■	■	■	■	■	■	■
	SNMP	■	■	■	■	■	■	■	■	■	■
	Telnet				■						
	TFTP				■						
	HTTP	■	■	■	■	■	■	■	■	■	■
	Gigabit										
	Printing										
	Port 9100	■	■	■	■	■	■	■	■	■	■
	LPD	■	■	■	■	■	■	■	■	■	■
	FTP										
	IPP							■		■	■
	WS Print				■	■	■	■	■	■	■
	Advanced protocols										
	IPv6 (plus DHCPv6, ICMPv6, MLDV1)		■	■	■	■	■	■	■	■	■
	WS Discovery			■	■	■	■	■	■	■	■
	Advanced security										
	SNMPv3				■						
	SSL/TLS				■						■
	802.1x				■						
	Firewall				■						
	Mobility printing										
	HP ePrint							■	■	■	■
	Apple® AirPrint™							■	■	■	■
Wireless											
802.11 b/g/n							■	■	■	■	
2.4 Ghz							■	■	■	■	
5.0 Ghz											
WPA /WPA2							■	■	■	■	
WEP							■	■	■	■	
WPA2 Enterprise											
Wireless modes											
Infrastructure mode							■	■	■	■	
Ad-hoc mode							■	■			
HP direct wireless									■	■	

HP ENTERPRISE NETWORK SOLUTIONS

HP Jetdirect accessories		300x parallel	620n EIO ²				635n EIO	690n EIO ew2500 USB		
Devices	HP LaserJet printers and MFPs		2410 2420 2430n 4240 4250n 4350n 4345 MFP 5200n 9040n 9040 MFP 9050n 9050 MFP	P3005n	M3027 MFP M3035 MFP M4345x MFP M5025 MFP M5035 MFP		P3015 P4014 P4015 P4515 M9040 MFP M9050 MFP		M4555 MFP	M601 M602 M603
	HP Color LaserJet printers and MFPs		3000n 3800n 4700n 4730 MFP		CP3505 CM4730 MFP		CP3525 CM3530 MFP CP4025 CP4525 CP6015 CM6030 MFP CM6040 MFP		CM4540 CP5525	M551
	HP Edgeline Color MFPs						CM8050 MFP CM8060 MFP			
	HP digital senders		9200c ³		9250c					
Standard protocols										
	TCP/IPv4	■	■	■	■	■	■	■	■	■
	DHCP	■	■	■	■	■	■	■	■	■
	SNMP	■	■	■	■	■	■	■	■	■
	Telnet	■	■	■	■	■	■	■	■	■
	TFTP	■	■	■	■	■	■	■	■	■
	HTTP	■	■	■	■	■	■	■	■	■
Printing										
	Port 9100	■	■	■	■	■	■	■	■	■
	LPD	■	■	■	■	■	■	■	■	■
	FTP	■	■	■	■	■	■	■	■	■
	IPP	■	■	■	■	■	■	■	■	■
	WS Print	■	■	■	■	■	■	■	■	■
Legacy protocols										
	Novell IPX/SPX, Bindery, NPDS, iPrint	■	■	■	■	■	■	■	■	■
	AppleTalk	■	■	■	■	■	■	■	■	■
	LLC/DLC	■	■	■	■	■	■	■	■	■
Advanced protocols										
	IPv6 (plus DHCPv6, ICMPv6, MLDV1)		■	■	■	■	■	■	■	■
	WS Discovery			■	■	■	■	■	■	■
Advanced security										
	SNMPv3		■	■	■	■	■	■	■	■
	SSL/TLS		■	■	■	■	■	■	■	■
	802.1x		■	■	■	■	■	■	■	■
	Firewall			■	■	■	■	■	■	■
IPsec authentication										
	Certificate					■	■	■	■	■
	Pre-shared key					■	■	■	■	■
	Kerberos					■	■	■	■	■
	WJA-10 IPsec configuration via plug-in						■	■	■	■
Mobility printing										
	HP ePrint								■	■
	AirPrint™									■

HP ENTERPRISE NETWORK SOLUTIONS continued

Devices	HP Jetdirect accessories	300x parallel	620n EIO ²			635n EIO	690n EIO ew2500 USB			
	HP LaserJet printers and MFPs		2410 2420 2430n 4240 4250n 4350n 4345 MFP 5200n 9040n 9040 MFP 9050n 9050 MFP	P3005n	M3027 MFP M3035 MFP M4345x MFP M5025 MFP M5035 MFP		P3015 P4014 P4015 P4515 M9040 MFP M9050 MFP	M4555 MFP	M601 M602 M603	
	HP Color LaserJet printers and MFPs		3000n 3800n 4700n 4730 MFP		CP3505 CM4730 MFP		CP3525 CM3530 MFP CP4025 CP4525 CP6015 CM6030 MFP CM6040 MFP	CM4540 CP5525	M551	
	HP Edgeline Color MFPs					CM8050 MFP CM8060 MFP				
	HP digital senders		9200c ³		9250c					
Features¹	Wireless									
	802.11 b/g						■			
	802.11 b/g/n									
	2.4 Ghz						■			
	5.0 Ghz									
	WPA /WPA2						■			
	WEP						■			
	WPA2 Enterprise						■			
	Wireless modes									
	Infrastructure mode							■		
Ad-hoc mode							■			
HP direct wireless										

End notes

¹ Devices may have additional networking features. For more details, refer to the specifications for your particular device.

² EAP-PEAP 802.1x only.

³ Does not support IPP.

AirPrint™ and the AirPrint™ Logo are trademarks of Apple Inc. Apple is a trademark of Apple Computer, Inc. Microsoft is a U.S. registered trademark of Microsoft Corporation.

© Copyright 2010, 2011 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit www.hp.com

4AA1-6221ENW, November 2011, Rev. 1

