

# Simplify printing with HP connectivity solutions

Easily add new wireless or wired printing options to your HP printer



## The challenge—secure mobile printing

Business moves like never before with smartphones, tablets, and notebooks dominating the workplace. To keep up, you need solutions that make it easy to print from mobile devices to office printers—without adding to the stress or workload of your IT team.

## The HP solution—print connectivity accessories



### It's easy

Our range of connectivity solutions can help you get the most from your current print devices. Easy-to-install mobile printer accessories enable employees to print wirelessly from almost any mobile device to the HP printers and multifunction printers (MFPs) you already own.<sup>1</sup> HP's internal and external print servers make short work of large print jobs, so you can easily meet urgent, high-volume print needs on the fly.



### It's secure

HP's built-in printer security features can protect your company network from outside threats. HP wireless print accessories create peer-to-peer connections that allow users to print without accessing the network. This way, data and business information is already protected—freeing up valuable resources and time for your IT team.

With HP, printing has never been easier or helped companies be more secure.

## Plug-and-play wireless printing

### HP 1200w Mobile Print Accessory

Easily add wireless direct printing<sup>2</sup> and touch-to-print technology to your HP printer or MFP, using the HP 1200w Mobile Print Accessory—designed to connect externally to a USB port on supported HP devices.

- Easy wireless printing—Simplify wireless printing for everyone in your office using a direct wireless connection
- One-touch convenience—Enable smartphone and tablet users to print with just a touch
- Safe and secure—Safeguard your business information with a peer-to-peer connection and 128-bit encryption

## Turn your HP printer into a wireless printer

### HP Jetdirect 2800w Accessory

Equip your HP printer or MFP with the latest in wireless print technologies, using the HP Jetdirect 2800w Accessory—designed to install in the Hardware Integration Pocket (HIP) of supported HP devices.

- Easy mobility—Allow employees to select an HP Jetdirect-enabled printer, and then print directly from a smartphone or tablet
- Wireless security—Rely on wireless direct and touch-to-print technologies to simplify and help secure your print environment
- Simple management—Easily manage the HP Jetdirect 2800w across your fleet of HP devices using HP fleet management tools

### HP Jetdirect wireless print servers

Enjoy the benefits of wireless printing alongside the increased output and security of networked printing, using HP Jetdirect wireless print servers. Both internal (extended input/output (EIO)) and external (USB) wireless print servers are available.

- Versatile placement—Locate printers or MFPs wherever users need them, no network cable required
- Seamless printing—Enjoy fast performance by sending print jobs over a secure wireless local area network (WLAN) connection
- Robust security—Maintain security on protected wireless networks using fast, secure authentication and encryption

## Fast performance, reliable networking, increased security

### HP Jetdirect internal print servers

Turn your business into a printing powerhouse with HP Jetdirect internal print servers—which plug into the EIO slot on supported HP printers or MFPs.

- Rapid printing—Print at high speeds by connecting shared office printers and MFPs over a gigabit network
- Network-level security—Strengthen network security with encrypted configuration methods and features like HP Instant-on Security
- Centralized management—Keep track of devices and easily manage your fleet with HP fleet management tools

### HP Jetdirect external print servers

Connect parallel or USB printers to your corporate Ethernet network, using HP Jetdirect external print servers.

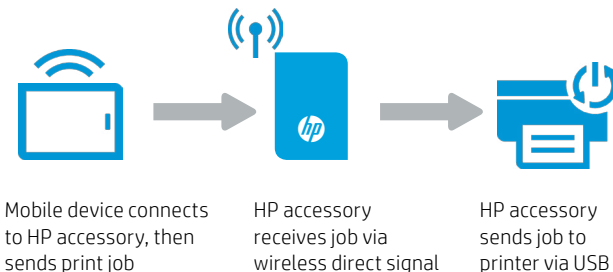
- Powerful performance—Enjoy network-level performance and security on devices that are incompatible with internal print servers

## HP mobile print technologies

Easy, fast printing from smartphones, tablets, and laptops using the HP 1200w Mobile Print Accessory or HP Jetdirect 2800w Accessory

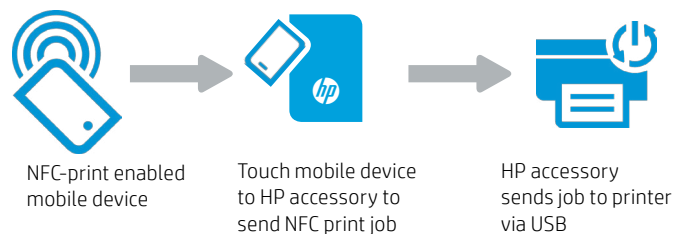
### Wireless direct printing

Simply connect your mobile device to a printer or MFP in the same way you connect to a secure WiFi network.



### Touch-to-print

Walk up and print by touching your mobile device to the HP accessory. Touch-to-print technology creates a simple, secure one-on-one connection.



## Find the right connectivity for your device

Review the table below to match HP print connectivity accessories to your HP printer

		HP Jetdirect Printer Accessory Connectivity								Mobile Print Accessory	
		HP 1284B Parallel Card	HP Jetdirect 620n Fast Ethernet Print Server	HP Jetdirect 640n Print Server	HP Jetdirect 695nw Print Server	HP Jetdirect ew2500 802.11b/g Wireless Print Server	HP Jetdirect 2700w USB Wireless Print Server	HP Jetdirect 2800w Wireless Direct/NFC Accessory	HP Jetdirect 2900nw Print Server	HP Jetdirect 3000w NFC/Wireless Accessory	HP 1200w NFC/Wireless Mobile Print Accessory
		J7972G	J7934G	J8025A	J8024A	J8021A	J8026A	J8029A	J8031A	J8030A	E5K46A
<b>LaserJet Printers - Black/White</b>											
HP LaserJet Pro series	M401					•					•
	P1102, P1106, P1108, P1560, P1606										•
	M701, M706					•					
HP LaserJet series	P1005, P1006, P1007, P1008, P1009										•
	1160, 1320, P2010, P2015					•					
	2200, 2300, 4000, 4050, 4100, 4200, 4300		•								
	2400, 9040, 9050		•	•	•						
	4240, 4250, 4350, P3005		•	•	•	•					
	P2035, P2055					•					•
	P3015	•	•	•	•	•					•
	P4014, P4015, P4510	•	•	•	•	•					•
HP LaserJet Enterprise series	M506								•	•	
	M601					•	•				
	M602, M603, M712					•	•	•			
	M604, M605, M606								•	•	
	M806					•	•	•			
	5000, 5100, 8000, 8100, 9000		•								
	5200		•	•	•	•	•				
<b>LaserJet Printers - Color</b>											
HP Color LaserJet Professional series	CP5225					•					
	M251										•
	CP1210										•
	CP1510, CP2025					•					•
	M351, M451, CP1025, CP1525					•					•
HP Color LaserJet series	2600n, 2605, 2700, 3600, CP4005					•					
	3000, 3800	•	•	•	•	•					
	2500, 3700, 4500, 4550, 4600, 4650, 5500, 8500, 8550, 9500		•								
	CP3505	•		•	•	•					
	CP3520	•	•	•	•	•					•
	CP4025, CP4525	•	•	•	•	•					•
	4700		•	•	•	•					
	CP4025, CP4525	•	•	•	•	•					•
CP3505	•		•	•	•						
HP Color LaserJet Enterprise series	M551					•	•	•			
	M552, M553								•	•	
	M651, M855					•	•	•			
	M750					•	•				•
	CP5525			•	•	•					•
	5550		•	•	•						
CP6015	•	•	•	•	•					•	

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		J7972G	J7934G	J8025A	J8024A	J8021A	J8026A	J8029A	J8031A	J8030A	E5K46A
<b>LaserJet MFP (Multifunction Printer) - Black/White</b>											
HP LaserJet All-in-One MFPs	3050, 3050z, 3052, 3055, 3380, 3390, 3392					•					
HP LaserJet Pro MFP series	M125, M126, M127, M128, 400 MFP M425, M1132, M1136, M1212nf, M1213nf, M1219nf, M1214nfh, M1216nfh, M1217nfw, M1536 M1218, M1219.										•
	M435					•					
HP LaserJet MFP series	M1120, M1319, M4349, M9059										•
	M3027, M3035, M5025, M5035	•	•	•	•	•					
	4100, 9000, 9055mfp, 9065mfp		•								
HP LaserJet Enterprise MFP series	M525					•	•	•			
	M527								•	•	
	M4345	•	•	•	•	•					•
	M4555			•	•	•					•
	M725, M630					•	•	•			
	M9040, M9050	•	•	•	•	•					•
	M830					•	•	•			
HP Mopier MFPs	240, 320		•								
<b>LaserJet MFP (Multifunction Printer) - Color</b>											
HP LaserJet Pro MFP series	M175, M276, M375, M475, CM1415, M176, M177, M1218nfs										•
HP Color LaserJet MFP series	2800 All-in-One, CM1015, CM1017,					•					
	CM3530	•	•	•	•	•					•
	CM1312, CM2320, CM6049f										•
HP Color LaserJet Enterprise MFP series	CM4540			•	•	•					•
	M575					•	•	•			
	M577								•	•	
	M680, M880					•	•	•			
	M775					•	•	•			
	4730	•	•	•	•	•					
	CM4730	•		•	•	•					
	CM6030, CM6040	•	•	•	•	•					
	8550, 9500		•								
HP Color MFP series	CM8000	•		•	•						











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		J7972G	J7934G	J8025A	J8024A	J8021A	J8026A	J8029A	J8031A	J8030A	ESK46A
<b>Inkjet Business</b>											
HP Business Inkjet series	2200, 2250, 2230, 2280, 2600, 3000		•								
	2300, 2800		•	•	•	•					
<b>Officejet Printers, All-in-Ones, and MFPs</b>											
HP Officejet Pro series	251dw, 8000 Enterprise A811, 8100 ePrinter N811, K550, K850, K5300, K5400, K8600					•					
HP Officejet All-in-One series	9100		•								
HP Officejet Pro MFP series	276dw					•					
HP Officejet Pro All-in-One series	8500-A909, L7300, L7500, L7600, L7700					•					
HP Officejet Pro e-All-in-One series	8500A-A910, 8600-N911					•					
HP Officejet Enterprise X series	X555, X585 MFP					•	•	•			
HP Officejet Pro X series	X451, X476 MFP, X551, X576 MFP					•					•
HP PageWide Enterprise Color MFP series	586								•	•	
HP PageWide Enterprise Color series	556								•	•	
<b>Inkjet Mobile</b>											
HP Officejet Mobile Printer series	HP Officejet 100 Mobile Printer series, HP Officejet 150 Mobile All-in-One Printer series										•
<b>Designjet Large Format</b>											
HP Designjet series	T620, T770, T790 ePrinter, T1120, T1200, T1300 ePrinter, T2300 eMultifunction Printer, T7100, Z6100			•							
	30, 70, 90, 110plus, 130, 500, 510, 800, 815mfp, 820MFP, 1000, 4000, 4500, 5000, 5100, 5500, T610, T1100		•								
HP Designjet Photo series	Z5200, Z6200			•							
	Z2100, Z3200 PostScript		•	•							
	Z3100		•								

Digital Senders										
HP Scanjet Enterprise Flow N9120 Flatbed Scanner	9100c			•						
	9200c			•	•	•				
	9250c				•	•				
HP Digital Sender Flow series	8500 fn1 Document Capture Workstation				•	•				

## HP connectivity solutions—specifications and compatibility

	HP Jetdirect Printer Accessory Connectivity									Mobile Print Accessory
										
	HP Jetdirect 300X	HP Jetdirect 620n	HP Jetdirect 640n	HP Jetdirect 695nw (640n/2700w)	HP Jetdirect ew2500	HP Jetdirect 2700w	HP Jetdirect 2800w Wireless Direct/NFC Accessory	HP Jetdirect 2900nw Print Server	HP Jetdirect 3000w NFC/Wireless Direct Accessory	HP 1200w NFC/Wireless Mobile Print Accessory
	J3263G	J7934G	J8025A	J8024A	J8021A	J8026A	J8029A	J8031A	J8030A	E5K46A
<b>Replaces</b>	170x (J3258G) 510x (J7983G)	615n (J6057A)	635n (J7961G)	690n (J8007G)	en1700 (J7988G) ew2400 (J7951G) en3700 (J7942G)	New	New	New	New	New
<b>Installation Location</b>	External (parallel)	Internal (EIO)	Internal (EIO)	Internal (EIO)	External (USB)	External (USB)	Hardware Integration Pocket	External (USB)	Hardware Integration Pocket	External (USB)
<b>Network Types</b>	Ethernet/ Fast Ethernet (10/100 Base-TX)	Ethernet/ Fast Ethernet (10/100 Base-TX)	Ethernet/ Fast Ethernet/ Gigabit Ethernet (10/100/1000T)	Ethernet/ Fast Ethernet (10/100Base-TX); Wireless Ethernet (802.11b/g/n)	Ethernet/ Fast Ethernet (10/100Base-TX); Wireless Ethernet (802.11b/g)	802.11b/g/n (USB 2.0)	WiFi 802.11b/g; Wireless Direct range up to 50 ft (15 m)	Wireless Ethernet (802.11b/g/n); Ethernet; Fast Ethernet; Gigabit Ethernet; 802.3, RJ-45 (10/100 Base-TX/1000T)	802.11g wireless Ethernet	WiFi 802.11b/g/n 2.4GHz; Wireless Direct range up to 50 ft (15 m)
<b>Network Protocols</b>	TCP/IP, IPX/SPX, AppleTalk, IP Direct Mode, LPD, FTP Printing, IPP, NetWare NDS, Bindery, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP	TCP/IP, IPX/SPX, AppleTalk, IP Direct Mode, LPD, FTP Printing, IPP, NetWare NDS, Bindery, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, HTTPS Auto-IP, Apple Bonjour Compatible (Mac OS 10.2.4 or higher)	IPv4/IPv6; Apple Bonjour Compatible (Mac OS 10.2.4 and Later), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint	IPv4/IPv6; Apple Bonjour Compatible (Mac OS 10.2.4 and Higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print	IPv4/IPv6; Apple Bonjour Compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print	IPv4/IPv6; Apple Bonjour Compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print	IPv4/IPv6; Apple Bonjour Compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print; IPv6: MLDv1, ICMPv6; IPv4: SLP, Telnet, IGMPv2; DHCP Server	IPv4/IPv6; Apple Bonjour® compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print; IPv6: MLDv1, ICMPv6; IPv4: SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode; AirPrint™, GCP 2.0, ePrint	IPv4/IPv6; Apple Bonjour® compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print; IPv6: MLDv1, ICMPv6; IPv4: SLP, Telnet, IGMPv2, DHCP Server, AirPrint™, GCP 2.0	Wireless Direct, NFC Touch-to-Print, IPv4/IPv6; Apple Bonjour Compatible, BOOTP/DHCP, SNMP, HTTP, IPP
<b>Security</b>	"Non-cryptographic" Based Security: ACLs, SNMPv1/v2c Community Names	SNMPv3, SSL/TLS (HTTPS), 802.1X Authentication (EAP-PEAP)	Management Security: SNMPv3, SSL/TLS (HTTPS), 802.1X Authentication (EAP-PEAP, EAP-TLS), IPsec/Firewall with Kerberos, Certificate, and PreShared Key Authentication	SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall; Port Authentication 802.1x: Wired (EAP-PEAP, EAP-TLS), Wireless (EAP-PEAP, LEAP, EAP-TLS); Wireless Network Security: WPA, WPA2 (Personal and Enterprise) Authentication; AES, TKIP, WEP (40/64-Bit and 104/128-Bit) Encryption	SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall; Port Authentication 802.1x: Wired (EAP-PEAP, EAP-TLS), Wireless (EAP-PEAP, LEAP, EAP-TLS); Wireless Network Security: WPA, WPA2 (Personal and Enterprise) Authentication; AES, TKIP, WEP (40/64-Bit and 104/128-Bit) Encryption	SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall; Port Authentication (802.1x): Wireless (EAP-PEAP, LEAP, EAP-TLS); Wireless Network Security: WPA, WPA2 (Personal and Enterprise) Authentication; AES, TKIP, WEP (40/64-Bit and 104/128-Bit) Encryption	SNMPv3, SSL/TLS (HTTPS); Wireless Network Security: WPA2-Personal (WPA2-AES); Administrator Password	SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall; Port Authentication 802.1x: Wired (EAP-PEAP, EAP-TLS), Wireless (EAP-PEAP, LEAP, EAP-TLS); Wireless Network Security: WPA, WPA2 (Personal and Enterprise) Authentication; AES, TKIP (40/64-Bit and 104/128-Bit) Encryption	Management security: SNMPv3, SSL/TLS (HTTPS); Wireless network security: WPA2-Personal (WPA2-AES); administrator password; Plus: Same security protocols as attached printer/MFP	Supports WPA-2 Security with customer-selected Passphrase

<b>Printer Management</b>	HP Web Jetadmin, HP Easy Printer Care, HP Embedded Web Server	HP Web Jetadmin, HP Easy Printer Care, HP Embedded Web Server	HP Web Jetadmin, HP Easy Printer Care, HP Embedded Web Server	HP Web Jetadmin, HP Easy Printer Care, HP Embedded Web Server	HP Web Jetadmin, HP Embedded Web Server	HP Web Jetadmin, HP Embedded Web Server	HP Web Jetadmin, HP Embedded Web Server (supported browsers: Internet Explorer® 6.0 or higher; Mozilla® 2.x or higher; Firefox® 2.x or higher; Safari®; Chrome™)	HP Web Jetadmin, HP Embedded Web Server	HP Web Jetadmin, HP Embedded Web Server	HP Embedded Web Server (supported browsers: Internet Explorer 6.0 or Higher; Mozilla 2.x or higher; Firefox 2.x or higher; Safari; Chrome)
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## Get started

Watch typical customer scenarios about how HP connectivity solutions can meet any industry's printing needs:

- HP Mobile Print Accessory—Bistro: [youtu.be/FamqJ7wuEd0](https://youtu.be/FamqJ7wuEd0)
- HP Mobile Print Accessory Goes to Office Space: [youtu.be/7KJkDU8XYdo](https://youtu.be/7KJkDU8XYdo)

- Nothing Can Stop Mobile Printing: [youtu.be/w0Eq3P4io0A](https://youtu.be/w0Eq3P4io0A)
- HP Mobile Printing Technology for Education—Making the Grade: [youtube.com/watch?v=Yc6B0UTdT70](https://youtube.com/watch?v=Yc6B0UTdT70)


**Learn more at**  
[hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting)

<sup>1</sup> Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with a service provider for coverage and availability in your area. See [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting) for more details.

<sup>2</sup> Mobile device must be wireless-enabled. Printer must be HP ePrint-enabled. Feature may require driver or apps, available for download at [hp.com/go/eprintcenter](http://hp.com/go/eprintcenter).

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