Data sheet

HP Jetdirect 2900nw
Print Server

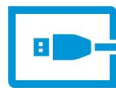## Enable easy office-wide mobile printing

Add mobile printing freedom, productivity, and security to your office in no time. Easily connect HP LaserJet and PageWide Enterprise printers and MFPs[1] to your wireless[2] or wired network—and keep management tasks to a minimum.

Extend your wireless printing reach with ease

Conveniently print from mobile devices in just a few easy steps. With the HP Jetdirect 2900nw Print Server, you can:[2]

- Set up networking on select HP LaserJet and PageWide Enterprise printers and MFPs in minutes, and manage your fleet with minimal effort. The accessory connects directly into the back USB port of your HP printer or MFP[1]

- Choose an HP Jetdirect-enabled printer or MFP from your mobile device and print from anywhere in the office[2]

- Save your employees time and effort by making it easy to send print jobs from smartphones, tablets, or laptop PCs that use a 2.4 GHz or 5 GHz bandwidth[2]

1. Plug accessory into printer   **2.** Find printer on network   **3.** Hit Print

Add mobile printing without adding to your workload

Proactively manage the print server and help save valuable time:

- Streamline setup, control wireless access, set restrictions on mobile printing, and more across your fleet of networked MFPs and printers using HP Web Jetadmin remote management software[2]

- Easily apply changes at the device level using the control panel or HP Embedded Web Server

Create a safety net for your network

Make mobile printing simple for employees and secure for your business:

- Help ensure only authorized users can access your wired or wireless networks[2]

- Send files to networked printers and MFPs using 256bit encryption to help protect business information in transit and at the printer or MFP

- Make printing accessible for all while protecting sensitive business information with simultaneous Ethernet and wireless connections. Guests can print from mobile devices without accessing your company network

Product specifications

Part number	J8031A
Connectivity	Wireless Ethernet (802.11b/g/n); Ethernet; Fast Ethernet; Gigabit Ethernet; 802.3, RJ-45 (10/100Base-TX/1000T); Hi-Speed USB 2.0
Supported printers and MFPs	HP LaserJet Enterprise M506 series, MFP M527 series, M604 series, M605 series, M606 series; HP Color LaserJet Enterprise M552 series, M553 series, MFP M577 series; HP PageWide Enterprise Color 556 series, HP PageWide Enterprise Color MFP 586 series; For a complete list of supported devices, visit hp.com/go/jetdirect
Supported network types	Wireless Ethernet 2.4 GHz or 5 GHz (802.11b/g/n); Ethernet; Fast Ethernet; Gigabit Ethernet; 802.3, RJ-45 (10/100Base-TX/1000T)
Print server type	External
Printer management	HP Web Jetadmin,[3] HP Embedded Web Server
Supported browsers	Internet Explorer 6.0 or higher, Mozilla 2.x or higher, Firefox 2.x or higher, Safari, Google© Chrome
Upgradeable firmware	Yes, via printer firmware update
IPP supported	Yes
Network operating systems[4]	Uses printer/MFP firmware. See the printer/MFP datasheet for compatible Network Operating Systems.
Network protocols	IPv4/IPv6: Apple Bonjour® compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode; AirPrint™, GCP 2.0, ePrint
Security	Management security: SNMPv3, SSL/TLS (HTTPS); Wireless network security: WPA2-Personal and WPA2-Enterprise (WPA2-AES); Administrator password; Plus: Same security protocols as attached printer/MFP
Dimensions	3.4 x 4.8 x 1.1 in (87 x 121.3 x 27.5 mm)
Weight	0.28 lb (0.128 kg)
What's in the box	HP Jetdirect 2900nw USB Wireless Print Server, power adapter, power adapter cord, USB cable, Velcro kit, installation guide, warranty cards
Warranty	One-year replacement warranty
Power specifications	Power supply type: Externally powered by power adapter Power consumption:[5]2 9.6 watts maximum
Environmental ranges	Operating temperature: 32 to 104º F (0 to 40º C); Storage temperature: -40 to 158º F (-40 to 70º C); Humidity (operating and non-operating): 15 to 95% RH
Standards and certifications	Safety: EU (Low Voltage Directive 2006/95/EC), EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011; US/Canada; UL listed EMC: EU (EMC Directive 2004/108/EC) EN 301 489-1 V1.9.2, EN 489-17 V2.1.1, US (FCC Title 47 CFR Part 15 Class B), Canada (ICES-003 Issue 5: 2012) Wireless telecommunications: EU (R&TTE Directive 1999/5/EC), EN 300 328, EN 301 893, EN 62311, USA (FCC CFR 47 Part 15 Subpart C & E), Canada RSS-210

Learn more at
hp.com/go/businessmobileprinting

[1] HP Jetdirect 2900nw Print Server accessory is compatible with select HP LaserJet and PageWide Enterprise printers and MFPs with HP FutureSmart Firmware, introduced Spring 2015 and later. For a list of supported devices, see hp.com/go/jetdirect.
[2] Wireless operations are compatible with 2.4 GHz or 5.0 GHz routers. App or software and HP ePrint account registration may also be required. Learn more at hp.com/go/mobileprinting.
[3] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin. Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher.
[4] Not all protocol and operating system combinations are supported. For more information refer to the Setup Guide on the support page hp.com/support/jd2900nw. Select View All under Most Viewed Solutions and then select Setup Guide.
[5] Values subject to change. Power numbers are the highest values measured using all standard voltages. See hp.com/support for current information.

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