

HP Color LaserJet Pro MFP M277 series



Big on performance. Small on size.

You'd never expect this much performance from such a small package. This loaded MFP and Original HP Toner cartridges with JetIntelligence combine to give you the tools you need to get the job done.



HP Color LaserJet Pro MFP
M277dw



Control panel view

Highlights

- Print, copy, scan, fax, web, apps
- Up to 18 ppm A4 black & colour
- First Page Out: < 12 sec black, 13 sec colour
- Gigabit Ethernet, Wireless (M277dw)
- Automatic two-sided printing (M277dw)
- 7.6 cm colour touchscreen with apps
- <1 watt with Auto-On/Off and Wake on LAN
- Scan-to-email, -folder, -cloud; 50-sheet ADF

Accomplish more with your time.

- Create professional-quality colour documents and speed through tasks with super-fast two-sided printing.^{1,2}
- Choose the MFP that's the smallest in its class and prints from sleep mode faster than comparable devices.²
- Access time-saving apps from the 7.6 cm touchscreen and scan directly to email, network folders and the cloud.³
- Easily print Microsoft® Word and PowerPoint® documents – now directly from your USB drive.⁴

Rely on easy mobile printing options.

- Print to this MFP with just a touch of your NFC-enabled mobile device – no network needed.⁵
- Count on wireless direct printing in the office – from mobile devices – without accessing the company network.⁶
- Easily print from a variety of smartphones and tablets – generally no setup or apps required.⁷

Get more pages, performance and protection.

- Get more pages than ever before, using Original HP High-Yield Colour Toner cartridges with JetIntelligence.⁸
- Count on professional quality at high speeds – HP ColorSphere 3 toner works best with your HP printer.
- Get the authentic HP quality you paid for with anti-fraud technology.
- Print right away with preinstalled toner cartridges. Replace them with optional high-yield cartridges.⁹

Meet everyday IT challenges head-on.

- Safeguard data and easily manage devices with a suite of essential security and management features.
- Easily access, print and share resources with Ethernet and wireless networking.¹⁰
- Increase security, restore control and help avoid additional expenses with HP JetAdvantage Private Print.



2-sided printing



Color touchscreen



Auto On/Off
Technology



Wireless



Scan to email



NFC

Product walkaround

HP Color LaserJet Pro MFP M277dw shown:

1. Intuitive 7.6 cm colour touchscreen tilts up for easier viewing
2. 50-sheet automatic document feeder (ADF)
3. Flatbed scanner handles up to 216 x 356 mm paper
4. 100-sheet output bin
5. Near field communication (NFC) internal antenna
6. Output bin extension
7. Power on/off button
8. Built-in automatic two-sided printing
9. Easy-access USB port for printing and scanning without a computer
10. Front door access to Original HP Toner cartridges with JetIntelligence
11. Single-sheet priority feed slot
12. 150-sheet main input tray 2
13. Hi-Speed USB 2.0 printing port
14. Fast Ethernet network port
15. 800 MHz processor, 256 MB RAM
16. Built-in wireless networking
17. Fax "line in" port
18. Telephone "line out" port
19. Rear door (provides access for clearing jams)



Series at a glance



Model	HP Color LaserJet Pro MFP M277n	HP Color LaserJet Pro MFP M277dw
Product number	B3Q10A	B3Q11A
Functions	Print, copy, scan, and fax	Print, copy, scan, and fax
Two-sided printing	Manual	Automatic
50-sheet automatic document feeder (ADF)	Yes	Yes
7.6 cm color touchscreen with apps	Yes	Yes
Supported file formats to print directly from USB	.ppt, .doc, .pdf, .jpg	.ppt, .doc, .pdf, .jpg
Networking	Fast Ethernet	Fast Ethernet, wireless 802.11b/g/n
Mobile printing capability	HP ePrint, Apple AirPrint, Mopria-certified	NFC touch-to-print, wireless direct printing, HP ePrint, Apple AirPrint, Mopria-certified

Accessories, Supplies and Support

Accessories	UX435E HP 3 year Service Plan with Next business day Exchange for Color LaserJet MFP Printers
	UX453E HP 3 year Service Plan with Standard Exchange for Color LaserJet MFP Printers
Supplies	CHP110 HP Office Paper-500 sht/A4/210 x 297 mm
	CHP370 HP Color Laser Paper 90 gsm-500 sht/A4/210 x 297 mm
	CG964A HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm
	CG965A HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm
	CG966A HP Professional Glossy Laser Photo Paper 200 gsm-100 sht/A4/210 x 297 mm
	CHP340 HP Color Laser Paper 120 gsm-250 sht/A4/210 x 297 mm
Service and support	Q6550A HP Professional Matt Laser Photo Paper-100 sht/A4/210 x 297 mm
	UX453E HP 3 year Service Plan with Standard Exchange for Color LaserJet MFP Printers
	UX435E HP 3 year Service Plan with Next business day Exchange for Color LaserJet MFP Printers (UX453E: all EMEA, UX435E: only Austria, Baltics, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia)

Technical specifications

Model	HP Color LaserJet Pro MFP M277n	HP Color LaserJet Pro MFP M277dw
Product number	B3Q10A	B3Q11A
Functions	Print, copy, scan, fax	Print, copy, scan, fax
Control panel	7.6 cm intuitive touchscreen control panel with colour graphic display; 3 buttons (Home, Help, Back)	
Print		
Print technology	Laser	
Print speed ⁷	Black (A4, normal): Up to 18 ppm; Colour (A4, normal): Up to 18 ppm; Black (A4, duplex): Up to 11 ipm	
First page out ⁸	Black (A4, ready): As fast as 11.5 sec; Colour (A4, ready): As fast as 13 sec	
Print resolution	Black (best): Up to 600 dpi; Colour (best): Up to 600 dpi; Technology: HP ImageREt 3600	
Monthly duty cycle	Up to 30,000 pages (A4); Recommended monthly page volume: 250 to 2,500	
Standard print languages	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, PCLm, PDF, URF	
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at http://www.hp.com/go/laserjetfonts	
Print area	Print margins: Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area: 207.5 x 347.5 mm	
Duplex printing	Manual	
Copy		
Copy speed ⁹	Black (A4): Up to 18 cpm; Colour (A4): Up to 18 cpm	
Copier specifications	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimise; Paper; Multi-page Copy; Collation; Tray Select; Two-sided; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults Maximum number of copies: Up to 99 copies; Copy resolution: Up to 600 x 600 dpi; Reduce/Enlarge: 25 to 400%	
Scan		
Scan speed ¹⁰	Normal (A4): Up to 21 ppm (monochrome), up to 14 ppm (colour)	
Scan file format	PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF	
Scanner specifications	Scanner type: Flatbed, ADF Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, email, fax or file buttons; HP Scan software; User application via TWAIN or WIA; Twain version: Version 1.9; Duplex ADF scanning: No; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: Up to 300 x 300 dpi (colour and mono ADF); Up to 300 x 300 dpi, 600 x 600 dpi, 1200 x 1200 dpi (Flatbed)	
Scanner Advanced Features	HP Scanning software, Scan key on touchscreen for Scan-to-USB flash drive (PDF and JPEG), Scan-to-Email, Scan-to-folder, 50-sheet Automatic Document Feeder (ADF) for unattended scanning of multiple pages, Automatic scan calibration, cropping and image enhancement	
Recommended monthly scan volume ¹²	250 to 2,500	
Scannable area	Minimum media size (flatbed): 54 x 70 mm Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 102 x 152 mm; Maximum media size (ADF): 216 x 356 mm	
Bit depth/ Grey scale levels	30-bit / 256	
Digital sending	Standard: Scan to email, scan to folder, scan to USB drive	
Fax		
Fax	Yes, 33.6 kbps	Yes, 33.6 kbps
Fax specifications	Fax resolution: Standard: 203 x 96 dpi; Fine: 203 x 192 dpi; Superfine: 300 x 300 dpi; Quick dialing: Up to 120 numbers; Telecom compliance: ES 203 201; EN 301 489-1 v1.9.2 / EN 301 489-17 V2.2.1 (2012-09); EN300 328 v1.8.1; IC: RSS 210; EN 62311:2008 / IEC 62311:2007; R&TTE Directive 99/05/EC -European Union; IEC 62311:2007 / EN62311:2008	
Fax smart software features	Permanent fax memory backup, auto fax reduction, auto redialling, delayed sending, fax forwarding, TAM interface, polling, junk barrier, distinctive ring detection, cover page wizard (software only), block fax, billing codes, save and load, poll receive, fax activity reports, dial prefix setting	Permanent fax memory backup, auto fax reduction, auto redialling, delayed sending, fax forwarding, TAM interface, polling, junk barrier, distinctive ring detection, cover page wizard (software only), block fax, billing codes, save and load, poll receive, fax activity reports, dial prefix setting
Processor speed	800 MHz	
Connectivity		
Standard	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100/1000 Base-TX network port; Host USB	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100/1000 Base-TX network port; Host USB
Wireless	No	Yes, built-in Ethernet, Wi-Fi 802.11b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Mobile Apps	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile Apps
Supported network protocols	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv1, SNMPv2, SNMPv3, HTTP	
Network capabilities	Yes, via built-in 10/100/1000 Base-TX Ethernet; Auto-crossover Ethernet; Authentication via 802.11x	
Memory	Standard: 256 MB; Maximum : 256 MB	
Media handling		
Number of paper trays	Standard: 2; Maximum: 2	
Media types	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock	
Media size	Custom (metric): 76.2 x 127 to 215.9 x 355.6 mm Supported (metric): A4, A5, A6, B5, B6, 10 x 15 cm, Postcards (JIS), Envelopes (DL, C5, B5) ADF: A4, 101 x 152 to 216 x 355 mm	

Model	HP Color LaserJet Pro MFP M277n	HP Color LaserJet Pro MFP M277dw
Product number	B3Q10A	B3Q11A
Media handling	Standard input: 150-sheet input tray, multipurpose tray Standard output: 100-sheet output tray ADF: Standard, 50 sheets	
Media weight	60 to 163 g/m ² paper, up to 176g/m ² postcards, up to 200g/m ² glossy; ADF: 60 to 163 g/m ² paper, up to 176g/m ² postcards, up to 200g/m ² glossy	
Input capacity	Tray 1: Multipurpose tray (Tray 1): 1 sheet Tray 2: Standard input (Tray 2): 150 sheets Maximum: Up to 150 sheets in Tray 2 ADF: Standard, 50 sheets	
Output capacity	Standard: Up to 100 sheets Envelopes: 10 mm stack height Transparencies: 10 mm stack height Maximum: Up to 100 sheets	
Compatible operating systems	Windows: Windows 8.1 64-bit, Windows 8 Basic 32-bit and 64-bit, Windows 8 Pro 32-bit and 64-bit, Windows 8 Enterprise 32-bit and 64-bit, Windows 8 Enterprise N 32-bit and 64-bit, Windows 7 (including Starter Edition 32-bit and 64-bit), Windows Vista (including Starter Edition 32-bit), Windows Vista 64-bit; Mac: OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks; Mobile Operating Systems: iOS, Android, Windows 8 RT; Other: Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer), Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), HP-UX 11 and Solaris 8/9, Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package), SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04)	
Compatible network operating systems	Windows OS compatible with In-Box Driver: Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or product specific drivers from HP.com: Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003 R2), Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2 and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008 R2), Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5; Citrix (on Windows Server 2012/2012 R2): Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (http://www.novell.com/iprint): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients (http://www.novell.com/iprint): Windows 8 (32/64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32/64-bit) recommend v5.82+, Windows Vista (32/64-bit) recommend v5.82+, Windows XP SP3 (32-bit only) recommend v5.82+	
Minimum system requirements	Windows: Windows: Windows 8 Basic 32-bit, Windows 8 Pro 32-bit, Windows 8 Enterprise 32-bit, Windows 8 Enterprise N 32-bit, Windows 8 Basic 64-bit, Windows 8 Pro 64-bit, Windows 8 Enterprise 64-bit, Windows 8 Enterprise N 64-bit, Windows 8.1 64-bit, Windows 7 (including Starter Edition 32-bit and 64-bit), Windows Vista (including Starter Edition 32-bit); Mobile Operating Systems: Android, Windows 8 RT, Windows 10 Mobile; Other: Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer), Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), HP-UX 11 and Solaris 8/9, Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package), SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network or Wireless connection; 200 MB available hard disk space; Compatible hardware (for operating system hardware requirements see http://www.microsoft.com); Mac: Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks; Mobile: iOS; Internet; Dedicated USB, network or wireless connection; 1 GB available hard disk space	
Software included	Inbox CD (Windows Partition): HP Installer/Uninstaller, HP PCL 6 print driver, DXP (Device Experience), User Guide, HP Send Fax, HP Device Toolbox, HP Fax Print Driver, HP Fax Setup Wizard, HP Product Improvement Study, HP Scan, HP TWAIN & WIA Scan Drivers, Scan to email setup Wizard, Scan to folder setup Wizard, HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), .NET 3.5 SP1 (only installed for older Windows operating systems that lack); Inbox CD (Mac Partition): Welcome Screen (redirects users to http://www.hp.com or OS App Source for HP LaserJet Software)	
Security management	Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 & SNMPv2 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication; Firewall and ACL; SNMPv3	
Printer management	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac); HP Device Toolbox	
Dimensions and Weight		
Printer dimensions (W x D x H)	Minimum: 420 x 384 x 322 mm; Maximum: 420 x 849 x 578 mm	
Package dimensions (W x D x H)	498 x 398 x 490 mm	
Printer weight	15.3 kg	
Package weight	20.2 kg	
Operating environment	Temperature: 15 to 30°C; Humidity: 10 to 80% RH	
Storage	Temperature: -20°C to 40°C; Humidity: 0 to 95% RH	
Acoustics ⁶	Acoustic power emissions: 6.3 B(A) (printing at 18 ppm) Acoustic pressure emissions: 50 dB(A)	
Power	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) Consumption: 365 watts (print/copy), 10.5 watts (ready), 2.7 watts (sleep), 1.73 watts (Blue Angel sleep), 0.1 watts (auto-off/manual-on), 0.97 watts (HP Auto-Off/Auto-On - Wake on LAN), 0.1 watts (manual-off); Typical Electricity Consumption (TEC): 1.026 kWh/Week, 0.843 kWh/Week (Blue Angel TEC); Power supply type: Built-in power supply	
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology	
Certifications	CISPR 22:2008 Class B, EN 55022:2010 Class B, EN 55024:2010, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008	
What's in the box ¹	HP Color LaserJet Pro MFP M277n Printer; HP 201A Black Original LaserJet Cartridge (~1,500 yield) and Introductory HP LaserJet Color cartridges (~700 colour composite (C/Y/M) yield); Installation guide; Printer documentation and software on CD-ROM; Power cord	HP Color LaserJet Pro MFP M277dw Printer; HP 201A Black Original LaserJet Cartridge (~1,500 yield) and Introductory HP LaserJet Color cartridges (~700 colour composite (C/Y/M) yield); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable
Warranty	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	

Footnotes

¹Duplex printing is only available for the HP Color LaserJet Pro M277dw.

²Comparison based on manufacturers' published specifications (as of November 2014) and includes colour laser multifunction printers (MFPs) with print speed between 11 and 20 pages per minute (ppm).

³Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language and agreements. For details, visit <http://www.hpconnected.com>.

⁴Microsoft and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with Microsoft Word and PowerPoint 2003 and later. Only Latin language fonts are supported.

⁵Feature is only available for the HP Color LaserJet Pro M277dw. Requires a compatible near-field communications (NFC)-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>.

⁶Feature is only available for the HP Color LaserJet Pro M277dw. Mobile device must be connected directly to the printer's wireless network prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the printer.

⁷Local 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 service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details. Some features require purchase of optional module.

⁸Based on cartridge yields for HP 131A compared with HP 201X Original HP LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnabouthsupplies>.

⁹High-yield Original HP 201X LaserJet Toner cartridges not included; please purchase separately.

¹⁰Feature is only available for the HP Color LaserJet Pro M277dw. Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

Technical specifications disclaimers

¹Introductory cartridges included, ~1,500 page yield black and ~700 page yield colour composite (C/Y/M).

²Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

³Replacement 201A cartridge average composite (C/Y/M) declared yield ~1,400 and average black yield ~1,500 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details, see <http://www.hp.com/go/learnabouthsupplies>.

⁴Declared yield value in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details, see <http://www.hp.com/go/learnabouthsupplies>.

⁵Acoustic values are subject to change. For current information, see hp.com/support. Configuration tested: M277dw model, simplex printing or copying, A4 paper at an average of 18 ppm.

⁷Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.

⁸Measured using ISO/IEC 17629. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.



<http://www.hp.com/uk>

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