

HP Color LaserJet Pro MFP M277 Series



A compact MFP loaded with productivity features that's ready to fit right in and get to work.

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 M277n



HP Color LaserJet Pro MFP M277dw

Accomplish more with your time

- Create professional-quality colour documents, and speed through tasks with super-fast two-sided printing.¹
- Choose the MFP that's the smallest in its class, and prints from sleep mode faster than comparable devices.¹
- Access time-saving apps from the 3-inch (7.6 cm) touchscreen, and scan directly to email and the cloud.²
- Easily print Microsoft® Word and PowerPoint® documents—now directly from your USB drive.⁸

Easy mobile printing options

- Print to this MFP with just a touch of your NFC-enabled mobile device—no network needed.⁴
- Count on wireless direct printing in the office—from mobile devices—without accessing the company network.⁵
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.³

More pages, performance, and protection

- Get more pages than ever before—using Original HP High-Yield Colour Toner cartridges with JetIntelligence.⁷
- 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.⁶
- Increase security, restore control, and help avoid additional expenses—with HP JetAdvantage Private Print.¹⁰
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.¹¹

¹ Comparison 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). ² Requires 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 hpconnected.com ³ 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 service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details. Some features require purchase of optional module. ⁴ Feature is only available for the HP Color LaserJet Pro M277dw. Mobile device must support near-field communications (NFC)-enabled printing. For more information, see hp.com/go/mobileprinting ⁵ Feature 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. For details, see hp.com/go/mobileprinting ⁶ Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁷ Based on cartridge yields for HP 131A compared with HP 201X Original HP LaserJet Toner Cartridges. For more information, see hp.com/go/learnabouthsupplies ⁸ Microsoft 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. ⁹ High-yield Original HP 201X LaserJet Toner cartridges not included; please purchase separately. ¹⁰ Available only in North America. HP JetAdvantage Private Print is available at no charge and requires that the printer be connected to the Internet with web services enabled. For more information, see hpondemand.com ¹¹ For more details on HP Care Pack, go to hp.com/go/cpc

Product walkaround

- 1 Intuitive 7.6 cm (3-inch) colour touchscreen tilts for easier viewing while sitting or standing
- 2 50-sheet automatic document feeder (ADF)
- 3 Flatbed scanner handles up to 216 x 356 mm paper
- 4 100-sheet output bin
- 5 Built-in wireless direct/NFC touch-to-print
- 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 10/100/1000 Base-TX 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 to paper paths)

HP Color LaserJet Pro MFP M277dw shown



Front view



Rear view

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
Print speed (black and colour)	Up to 18 pages per minute (ppm), A4	Up to 18 ppm, A4
Automatic two-sided printing	Not available	✓
Networking	Gigabit Ethernet	Gigabit 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

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

Optimized Care (optimum performance and stability): 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime): Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support): Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices



Top Features

Speed through tasks, using a wide range of productivity and workflow features—while consistently producing professional-quality prints. This loaded MFP gives you the tools you need to get the job done quickly.

Stay on top of pressing business demands—whether you're in the office or on the go.¹ HP's wide range of mobile printing features let you work securely from wherever business takes you.¹

Bring out the best in your MFP. Get more high-quality pages than ever, using Original HP Toner cartridges with JetIntelligence.² Help ensure peak printing performance, and get the authentic HP quality you paid for—unmatched by the competition.

Seamlessly manage the flow of information to and from your devices, using innovative HP JetAdvantage business workflow and printing solutions. Increase MFP and data security, and stay connected to your work with wired and wireless capabilities.³

Product

B3Q10A	HP Color LaserJet Pro MFP M277n
B3Q11A	HP Color LaserJet Pro MFP M277dw

Accessories

C6520A	HP USB 2.0 printer cable (a-b), 3 meter
Q6264A	HP Hi-Speed USB printer cable, 1.8 m (6 ft)

Supplies³

CF400A	HP 201A Black Original LaserJet Toner Cartridge (~1,500 pages)
CF400X	HP 201X High Yield Black Original LaserJet Toner Cartridge (~2,800 pages)
CF401A	HP 201A Cyan Original LaserJet Toner Cartridge (~1,400 pages)
CF401X	HP 201X High Yield Cyan Original LaserJet Toner Cartridge (~2,300 pages)
CF402A	HP 201A Yellow Original LaserJet Toner Cartridge (~1,400 pages)
CF402X	HP 201X High Yield Yellow Original LaserJet Toner Cartridge (~2,300 pages)
CF403A	HP 201A Magenta Original LaserJet Toner Cartridge (~1,400 pages)
CF403X	HP 201X High Yield Magenta Original LaserJet Toner Cartridge (~2,300 pages)

HP Care Packs

UX435E	HP 3-year Next Business Day Exchange Color LaserJet MFP-M SVC
UX449E	HP 3-year Onsite Exchange Color LaserJet MFP-M SVC
UX444E	HP 3-year Pickup Return Color LaserJet MFP-M SVC
UX439E	HP 3-year Return Color LaserJet MFP-M SVC

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja

HP Universal Print Driver: hp.com/go/upd

HP Imaging and Printing Security Center: hp.com/go/ipsc

¹ 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 service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details. Some features require purchase of optional module. ² Based on cartridge yields for HP 131A compared with HP 201X Original HP LaserJet Toner Cartridges. For more information, see hp.com/go/learnabouthsupplies ³ Declared yield in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details, see hp.com/go/learnabouthsupplies

HP Color LaserJet Pro MFP M277 Series

Technical specifications	HP Color LaserJet Pro MFP M277n (B3Q10A)	HP Color LaserJet Pro MFP M277dw (B3Q11A)
Functions	Print, copy, scan, fax	
Print		
Duplex print options	Manual	Automatic (standard)
Print speed ¹	Black (normal, A4): Up to 18 ppm; Black (normal, letter): Up to 19 ppm; Colour (normal, A4): Up to 18 ppm; Colour (normal, letter): Up to 19 ppm	
First page out	Black (A4, ready): As fast as 11.5 sec; Colour (A4, ready): As fast as 13 sec	
Print technology	Laser	
Print resolutions	Black (best): Up to 600 dpi; Colour (best): Up to 600 dpi	
Print resolution technologies	HP ImageREt 3600	
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF, Native Office	
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	
Scan		
Scan type/technology	Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS)	
Scan speed ²	Normal, A4: Up to 21 ppm (b&w), up to 14 ppm (colour)	
Scan resolution	Enhanced: Up to 300 x 300 dpi (ADF); up to 1200 x 1200 dpi (Flatbed); Hardware/Optical: 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)	
Scan size	Flatbed: 216 x 297 mm (8.5 x 11.7 in.); ADF: 216 x 356 mm (8.5 x 14 in)	
Scan input modes	Front-panel scan, copy, e-mail, fax, or file buttons; HP Scan software; and user application via TWAIN or WIA	
Scan file format	PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF	
Copy		
Copy speed ³	Black (normal, A4): Up to 18 cpm; Black (normal, letter): Up to 19 cpm; Colour (normal, A4): Up to 18 cpm; Colour (normal, letter): Up to 19 cpm	
First copy out	Black (A4, ready): As fast as 13.5 sec; Colour (A4, ready): As fast as 16 sec	
Copy resolution	Black (text & graphics): Up to 300 x 420 dpi; Colour (text & graphics): 300 x 420 dpi (Flatbed), 300 x 360 dpi (ADF)	
Max no of copies	Up to 99 copies	
Copier resize	25 to 400%	
Copier settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Tray Select; Two-Sided; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults	
Fax		
Fax speed	33.6 kbps (maximum), 14.4 kbps (default); 3 sec per page (letter)	
Fax resolution	Black (best): Up to 300 x 3000 dpi; Black (standard): 203 x 96 dpi; Black & White (fine): 203 x 192 dpi; Black & White (superfine): 300 x 300 dpi	
Fax memory (A4/letter)	Up to 400 pages	
Connectivity		
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port; Host USB	
Mobile print capability ⁴	HP ePrint, Apple AirPrint™, Mopria-certified, Mobile Apps	HP ePrint, WiFi Direct Printing, Apple AirPrint™, Mopria-certified, Mobile Apps
Network ready	Standard built-in Ethernet	
Network capabilities	Via built-in 10/100/1000 Base-TX Ethernet; Auto-crossover Ethernet; Authentication via 802.11x	
Wireless capability	No	Built-in 802.11 b/g/n; Authentication via WEP, WPA/WPA2, or 802.11x; Encryption via AES or TKIP; WPS; Wi-Fi Direct; NFC
Memory	256 MB	
Duty cycle	Up to 30,000 pages; Recommended monthly page volume: 250 to 2,500 pages	
Processor speed	800 MHz	
Paper handling		
Input	150-sheet input tray, multipurpose tray	
Output	100-sheet output tray	
Media type	Paper (brochure, inkjet, plain), photo paper (borderless, HP premium, panoramic, plus tab), envelopes, labels, cards (greeting, index), transparencies	
Media weight	52 to 163 g/m ² (Uncoated/Matte, recommended), up to 175 g/m ² Postcards, 200 g/m ² HP Matte; 60 to 163 g/m ² (Coated/Glossy, recommended), up to 175 g/m ² Postcards, 220 g/m ² HP Glossy	
Media sizes custom	76.2 x 127 to 215.9 x 355.6 mm (3 x 5 to 5 x 14 in)	
Dimensions (W x D x H)	420 x 384 x 322 mm (16.5 x 15.1 x 12.7 in)	
Weight	15.3 kg (33.7 lb)	
What's in the box	HP Color LaserJet Pro MFP M277n (B3Q10A); 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	HP Color LaserJet Pro MFP M277dw (B3Q11A); 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 (6 ft/1.8 m)
Warranty features	One-year limited warranty ⁵	
Systems		
Compatible operating systems	Windows OS compatible with In-Box Driver: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from HP.com and Apple Store): OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1); Fedora (17, 18, 19, 20); Linux Mint (13, 14, 15, 16, 17); Boss (3.0, 5.0); Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10); Debian (6.0.x, 7.x); Other OS: UNIX	
Minimum system requirements	PC: Windows: Windows XP (SP3) 32-bit and 64-bit, Windows Win7 (Including Starter Edition 32-bit and 64-bit), Windows Vista Including Starter Edition 32-bit, Windows Vista 64-bit, Windows Win8 Basic 32-bit, Windows Win8 Pro 32-bit, Windows Win8 Enterprise 32-bit, Windows Win8 Enterprise N 32-bit, Windows Win8 Basic 64-bit, Windows Win8 Pro 64-bit, Windows Win8 Enterprise 64-bit, Windows Win8 Enterprise N 64-bit, Windows Win8.1 64-bit; Mobile Operating Systems: 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), HPLUX 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, 11.1, 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 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 or network or Wireless connection; 1 GB available hard disk space	
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at hp.com/go/laserjetfonts	
Control panel	3.0-in intuitive touchscreen control panel with colour graphic display; 3 Buttons (Home, Help, Back)	
Power	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) (Not dual voltage, product varies by part number with # Option code identifier); Power consumption: 365 watts (Print/Copy), 10.5 watts (Ready), 2.7 watts (Sleep), 1.73 watts (Blue Angel Sleep), 0.97 watts (HP Auto-Off/Auto-On - Wake on LAN), 0.1 watts (Auto-Off/Manual-On), 0.1 watts (Manual-Off)	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) (Not dual voltage, product varies by part number with # Option code identifier); Power consumption: 365 watts (Print/Copy), 10.5 watts (Ready), 2.7 watts (Sleep), 2.69 watts (Blue Angel Sleep), 0.97 watts (HP Auto-Off/Auto-On - Wake on LAN), 0.1 watts (Auto-Off/Manual-On), 0.1 watts (Manual-Off)
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 e-mail 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 hp.com, or OS App Source for HP LaserJet Software)	
Acoustic	Acoustic power emissions: ⁷ 6.4 B(A) (printing at 18 ppm); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions bystander (active, printing): 50 dB(A); Acoustic pressure emissions bystander (ready): Inaudible	
Environmental ranges	Operating temperature range: 15 to 30° C (59 to 86° F); Recommended operating temperature: 15 to 30° C (59 to 86° F); Non-operating humidity range: 0 to 95% RH; Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 10 to 80% RH	
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, SASL authentication; LDAP authentication and authorization; Firewall and ACL; SNMPv3	
Safety approvals and requirements	EN 60950-1:2006 +A1:2009 +A1:2010 +A1:2011; IEC 60950-1:2005 +A1:2009; EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; CAN/CSA C22.2 No. 60950-1-07 2nd Ed. March 27, 2007 Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IEC/CEC CB Bulletin; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007	
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	

¹ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ² Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. ³ First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ May require a firmware upgrade to be compatible, download at hp.com/go/support. ⁵ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁶ Power 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. ⁷ Acoustic values 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. ⁸ Warranty is country specific for more details. Please visit hp.com/go/hpsc

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