

Print, copy, scan, fax

# HP Color LaserJet Pro MFP M277n



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.



#### Accomplish more with the time you have

- Create the professional-quality colour documents your business depends on—right in the office.
- Choose the MFP that's the smallest in its class, and prints from sleep mode faster than comparable devices.<sup>1</sup>
- Access time-saving apps from the 3-inch (7.6 cm) touchscreen, and scan directly to email and the cloud.<sup>2</sup>
- Easily print Microsoft® Word and PowerPoint® documents—now directly from your USB drive.<sup>6</sup>



#### Easy mobile printing options

- Easily print from a variety of smartphones and tablets—generally no setup or apps required.<sup>3</sup>



#### More pages, performance, and protection

- Get more pages than ever before—using Original HP High-Yield Colour Toner cartridges with JetIntelligence.<sup>5</sup>
- Count on professional quality at high speeds—high-impact powerful 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.<sup>7</sup>



#### Meet everyday IT challenges head-on

- Safeguard data and easily manage devices with a suite of essential security and management features.
- Easily set up, print, and share with built-in Ethernet networking.
- Increase security, restore control, and help avoid additional expenses—with HP JetAdvantage Private Print.<sup>4</sup>
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.<sup>8</sup>



<sup>1</sup> Comparison based on manufacturers' published specifications (as of November 2014) and includes color laser multifunction printers (MFPs) with print speed between 11 and 20 pages per minute (ppm).

<sup>2</sup> 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](http://hpconnected.com)

<sup>3</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 service provider for coverage and availability in your area. See [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting) for more details. Some features require purchase of optional module.

<sup>4</sup> Available only in North America and select European countries. Feature is available at no charge and requires the MFP be connected to the Internet with web services enabled. For more information, see [hpjetadvantage.com](http://hpjetadvantage.com)

<sup>5</sup> As compared with maximum-capacity cartridge yields for predecessor products. For details, see [hp.com/go/learnaboutesupplies](http://hp.com/go/learnaboutesupplies)

<sup>6</sup> 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.

<sup>7</sup> High-yield Original HP 201X LaserJet Toner cartridges not included; please purchase separately.

<sup>8</sup> For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

## Technical specifications

<b>Functions</b>	Print, copy, scan, fax
<b>Print</b>	
Duplex print options	Manual
Print speed <sup>1</sup>	<b>Black (normal, A4):</b> Up to 18 ppm; <b>Black (normal, letter):</b> Up to 19 ppm; <b>Colour (normal, A4):</b> Up to 18 ppm; <b>Colour (normal, letter):</b> Up to 19 ppm
First page out	<b>Black (A4, ready):</b> As fast as 11.5 sec; <b>Colour (A4, ready):</b> As fast as 13 sec
Print resolutions	<b>Black (best):</b> Up to 600 dpi; <b>Colour (best):</b> Up to 600 dpi
Print resolution technologies	HP ImageREt 3600
Print technology	Laser
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
<b>Scan</b>	
Scan type/technology	<b>Type:</b> Flatbed; ADF; <b>Technology:</b> Contact Image Sensor (CIS)
Scan speed <sup>2</sup>	<b>Normal, A4:</b> Up to 21 ppm (b&w), up to 14 ppm (colour)
Scan resolution	<b>Enhanced:</b> Up to 300 x 300 dpi (ADF); up to 1200 x 1200 dpi (Flatbed); <b>Hardware/Optical:</b> 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	<b>Flatbed:</b> 216 x 297 mm (8.5 x 11.7 in); <b>ADF:</b> 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
<b>Copy</b>	
Copy speed <sup>2</sup>	<b>Black (normal, A4):</b> Up to 18 cpm; <b>Black (normal, letter):</b> Up to 19 cpm; <b>Colour (normal, A4):</b> Up to 18 cpm; <b>Colour (normal, letter):</b> Up to 19 cpm
First copy out	<b>Black (A4, ready):</b> As fast as 13.5 sec; <b>Colour (A4, ready):</b> As fast as 16 sec
Copy resolution	<b>Black (text &amp; graphics):</b> Up to 300 x 420 dpi; <b>Colour (text &amp; graphics):</b> 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
<b>Fax</b>	
Fax speed	33.6 kbps (maximum), 14.4 kbps (default); 3 sec per page (letter)
Fax resolution	<b>Black (best):</b> Up to 300 x 3000 dpi; <b>Black (standard):</b> 203 x 96 dpi; <b>Black &amp; White (fine):</b> 203 x 192 dpi; <b>Black &amp; White (superfine):</b> 300 x 300 dpi
Fax memory (A4/letter)	Up to 400 pages
<b>Connectivity</b>	
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port; Host USB
Mobile print capability <sup>3</sup>	HP ePrint, 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
<b>Memory</b>	256 MB
<b>Processor speed</b>	800 MHz
<b>Duty cycle</b>	Up to 30,000 pages; <b>Recommended monthly page volume:</b> 250 to 2,500 pages
<b>Paper handling</b>	
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 <sup>2</sup> (Uncoated/Matte, recommended), up to 175 g/m <sup>2</sup> Postcards, 200 g/m <sup>2</sup> HP Matte; 60 to 163 g/m <sup>2</sup> (Coated/Glossy, recommended), up to 175 g/m <sup>2</sup> Postcards, 220 g/m <sup>2</sup> HP Glossy
Media sizes custom	76.2 x 127 to 215.9 x 355.6 mm (3 x 5 to 5 x 14 in)
<b>Dimensions (W x D x H)</b>	420 x 384 x 322 mm (16.5 x 15.1 x 12.7 in)
<b>Weight</b>	15.3 kg (33.7 lb)
<b>What's in the box</b>	HP Color LaserJet Pro MFP M277n (B3Q10A); HP 201A Black Original LaserJet Cartridge (~1,500 yield) and Introductory HP LaserJet Colour cartridges (~700 colour composite (C/N/M) yield); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable
<b>Warranty features</b>	One-year exchange warranty
<b>Systems</b>	
Compatible operating systems	<b>Windows:</b> 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; <b>Mac:</b> 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, 11.1, 12, 12.0), HPUX 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, 11.2), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04)
Minimum system requirements	<b>PC:</b> 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, 11.1, 12, 12.0), HPUX 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, 11.2), 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); <b>Mac:</b> 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
<b>Fonts and Typefaces</b>	84 scalable TrueType fonts. Additional Font Solutions available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>
<b>Control panel</b>	3.0-in intuitive touchscreen control panel with colour graphic display; 3 Buttons (Home, Help, Back)
<b>Power</b>	<b>Power supply type:</b> Internal (Built-in) power supply; <b>Power supply required:</b> 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); <b>Power consumption:</b> 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)
<b>Software included</b>	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)
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.4 B(A) (printing at 18 ppm); <b>Acoustic power emissions (ready):</b> Inaudible; <b>Acoustic pressure emissions bystander (active, printing):</b> 50 dB(A); <b>Acoustic pressure emissions bystander (ready):</b> Inaudible
<b>Environmental ranges</b>	<b>Operating temperature range:</b> 15 to 30° C (59 to 86° F); <b>Recommended operating temperature:</b> 15 to 30° C (59 to 86° F); <b>Non-operating humidity range:</b> 0 to 95% RH; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 10 to 80% RH

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>2</sup> 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](http://hp.com/go/printerclaims).

<sup>3</sup> Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> May require a firmware upgrade to be compatible. Download at [hp.com/go/support](http://hp.com/go/support)

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> Acoustic values subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: M277dw model, simplex printing or copying, A4 paper at an average of 18 ppm.

<sup>8</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

## To learn more, visit [hp.com](http://hp.com)

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## Ordering information

<b>Number</b>	<b>Description</b>
B3Q10A	HP Color LaserJet Pro MFP M277n Printer
<b>Supplies</b>	
<b>Number</b>	<b>Description</b>
CF400A	HP 201A Black Original LaserJet Cartridge (~1,500 pages)
CF401A	HP 201A Cyan Original LaserJet Cartridge (~1,400 pages)
CF402A	HP 201A Yellow Original LaserJet Cartridge (~1,400 pages)
CF403A	HP 201A Magenta Original LaserJet Cartridge (~1,400 pages)
CF400X	HP 201X Black Original LaserJet Cartridge (~2,800 pages)
CF401X	HP 201X Cyan Original LaserJet Cartridge (~2,300 pages)
CF402X	HP 201X Yellow Original LaserJet Cartridge (~2,300 pages)
CF403X	HP 201X Magenta Original LaserJet Cartridge (~2,300 pages)
<b>Accessories</b>	
<b>Number</b>	<b>Description</b>
C6520A	HP USB Cable 2.0 (a-b) 3 meter
<b>HP Care Pack</b>	
<b>Number</b>	<b>Description</b>
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 <a href="http://hp.com/go/cpc">hp.com/go/cpc</a>	
<b>Supported paper</b>	
Contact HP via phone: Asia: 65 6253 8500	
<b>Solutions</b>	
For more solutions information, please visit <a href="http://hp.com/go/gsc">hp.com/go/gsc</a>	

