



# HP LaserJet Pro MFP M227 series

## Stay a step ahead.

Get more pages, performance, and protection<sup>1</sup> from an HP LaserJet Pro MFP powered by JetIntelligence Toner cartridges. Set a faster pace for your business: Print two-sided documents, plus scan, copy, fax<sup>15</sup>, and manage to help maximize efficiency.



HP LaserJet Pro MFP M227d



HP LaserJet Pro MFP M227sdn

### Fast speeds, low energy use

- Print, scan, copy, and fax<sup>15</sup> with a compact multifunction laser printer that fits into tight workspaces.
- Print at the pace of business with fast two-sided printing—first pages are ready in as fast as 6.4 seconds.<sup>6</sup>
- Help save energy with HP Auto-On/Auto-Off Technology.<sup>7</sup>
- Tackle tasks and scan to email, USB, and network folders from the 2.7-inch (6.9 cm) color touchscreen.<sup>8,15</sup>

### Mobile printing made simple

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>2</sup>
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology—no network needed.<sup>3,4,15</sup>
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology—no network needed.<sup>3,4</sup>
- Send jobs from your smartphone, tablet, or PC to any company printer, using Google Cloud Print™ 2.0.<sup>5</sup>

### Strong HP security

- This printer helps detect, stop, and give notifications of security breaches.
- This printer includes write-protected memory that helps prevent malware intrusion.
- Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.<sup>12</sup>

### HP quality—print after print

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Don't be fooled by alternatives that mimic Original HP. Innovative anti-fraud technology can help ensure you're getting the quality you paid for.
- Print over 2x more pages than standard cartridges, using optional Original HP high-yield toner cartridges.<sup>13</sup>
- Get more pages than ever before with page maximizer technology,<sup>1</sup> and track remaining pages to help ensure you get what you paid for using print gauge technology.<sup>14</sup>

## 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 hour 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](http://hp.com/go/printservices)



Windows 8



## Top Features

Help save energy without slowing down. This quiet, efficient HP LaserJet Pro MFP quickly prints, scans, copies, and faxes while helping to keep energy costs low, so you save time and resources.

Mobile printing is easier than ever with HP. Print with minimal steps from a broad range of mobile devices—smartphones, tablets, and notebooks.<sup>9</sup>

Easily manage devices and settings to help make printing more efficient and secure. Gain visibility into office printing and monitor supplies status and other settings with HP Web Jetadmin.<sup>11</sup>

Count on consistent results—Original HP Toner cartridges with JetIntelligence are designed to work flawlessly with this HP LaserJet Pro. Anti-fraud authentication helps protect your business from frustrating quality issues and costly reprints.

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### Product

**G3Q78A** HP LaserJet Pro MFP M227d

**G3Q74A** HP LaserJet Pro MFP M227sdn

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### Replacement cartridges

**CF230A** HP 30A Black Original LaserJet Toner Cartridge (1,600 pages)

**CF230X** HP 30X High Yield Black Original LaserJet Toner Cartridge (3,500 pages)

**CF232A** HP 32A Original LaserJet Imaging Drum (23,000 pages)

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### HP Care Packs

**UH757E** HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers

**UH773E** HP 3 year Care Pack w/Onsite Exchange for LaserJet Printers

**UH769E** HP 3 year Care Pack w/Pickup and Return Support for LaserJet Printers

**UH764E** HP 3 year Care Pack w/Return to Depot Support for LaserJet Printers

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](http://hp.com/go/cpc)

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### Paper

Contact HP via phone: Asia: 65 6253 8500

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### Solutions

HP Web Jetadmin: [hp.com/go/wja](http://hp.com/go/wja)

HP Universal Print Driver: [hp.com/go/upd](http://hp.com/go/upd)

HP Imaging and Printing Security Center: [hp.com/go/ipsc](http://hp.com/go/ipsc)

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# HP LaserJet Pro MFP M227 series

Model	HP LaserJet Pro MFP M227d	HP LaserJet Pro MFP M227sdn
Product number	G3Q78A	G3Q74A
Functions	Print, copy, scan	
<b>Print</b>		
Duplex print options	Automatic (standard)	
Print speed <sup>14</sup>	<b>Black (A4, normal):</b> Up to 28 ppm; <b>Black (letter, normal):</b> Up to 30 ppm; <b>Black (A4, duplex):</b> Up to 18 ipm; <b>Black (letter, duplex):</b> Up to 18 ipm	
First page out <sup>16</sup>	<b>Black (A4, ready):</b> As fast as 6.6 sec; <b>Black (A4, sleep):</b> As fast as 7.9 sec	<b>Black (A4, ready):</b> As fast as 6.4 sec; <b>Black (A4, sleep):</b> As fast as 7.7 sec
Print technology	Laser	
Print resolution	<b>Black (best)</b> Up to 1200 x 1200 dpi; <b>Black (normal)</b> Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality); <b>Black (fine lines)</b> Up to 1200 x 1200 dpi	
Print resolution technology	HP FastRes 1200, HP ProRes 1200	
Print cartridges number	1 Black	
Standard print languages	PCL5c; PCL6; PS; PCLm5; PDF; URF; PWG	
Printer management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager	
<b>Scan</b>		
Scan technology	<b>Type:</b> Flatbed; <b>Technology:</b> CIS	<b>Type:</b> ADF; Flatbed; <b>Technology:</b> CIS
Scan speed <sup>18</sup>	<b>Normal (A4):</b> No	<b>Normal (A4):</b> Up to 15 ppm
Scan resolution	<b>Hardware:</b> Up to 1200 x 1200 dpi (color and mono, flatbed); <b>Optical:</b> Up to 1200 dpi (color and mono, flatbed)	<b>Enhanced:</b> No; <b>Hardware:</b> Up to 300 x 300 dpi (color and mono, ADF); Up to 600 x 600 dpi (color, flatbed); Up to 1200 x 1200 dpi (mono, flatbed); <b>Optical:</b> Up to 300 dpi (color and mono, ADF); Up to 600 dpi (color, flatbed); Up to 1200 dpi (mono, flatbed)
Digital sending standard features		No
Color scanning	Yes	
Scan Size	<b>Flatbed:</b> 215.9 x 297 mm; <b>ADF:</b> No	<b>Flatbed:</b> 215.9 x 297 mm; <b>ADF:</b> 215.9 x 355.6 mm
Scan input modes	Scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software	
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF	
<b>Copy</b>		
Copier smart software features	No	Automatic Document Feeding
First copy out	<b>Black (A4):</b> As fast as 8.8 sec; <b>Black (A4, sleep):</b> As fast as 8.8 sec; <b>Black (letter):</b> As fast as 8.7 sec; <b>Black (letter, sleep):</b> As fast as 8.7 sec	<b>Black (A4):</b> As fast as 6.5 sec; <b>Black (A4, sleep):</b> As fast as 7.8 sec; <b>Black (letter):</b> As fast as 6.3 sec; <b>Black (letter, sleep):</b> As fast as 7.7 sec
Copy resolution	<b>Black (text and graphics):</b> 600 x 600 dpi	
Max no of copies	Up to 99 copies	
Copier resize	25 to 400%	
Copier settings	Number of Copies; Lighter/Darker; Optimize; Paper; Multi-Page Copy; Collation; Draft Mode	
<b>Fax</b>		
Fax speed	No / No	No
Fax memory	<b>Fax memory (A4):</b> No; <b>Fax memory (letter):</b> No	
Fax resolution	<b>Black (standard):</b> No; <b>Black and white (fine):</b> No; <b>Black photo grayscale:</b> No	<b>Black (best):</b> No
Fax Features	<b>Auto fax reduction supported:</b> No; <b>Auto-redialing:</b> No; <b>Fax delayed sending:</b> No; <b>Distinctive ring detection supported:</b> No; <b>Fax forwarding supported:</b> No; <b>Junk barrier supported:</b> No; <b>Maximum speed dialing numbers:</b> No; <b>PC interface supported:</b> No; <b>Fax polling supported:</b> No	
Fax smart software features		No
<b>Connectivity</b>		
Standard connectivity	1 Hi-Speed USB 2.0	1 Hi-Speed USB 2.0; 1 Ethernet 10/100Base-TX
Mobile printing capability	No	HP ePrint; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0
Network ready	No	Standard (built-in Ethernet)
Wireless capability	No	
Network capabilities	No	10/100 Ethernet
Memory	<b>Standard:</b> 256 MB; <b>Maximum:</b> 256 MB	
Processor speed	800 MHz	
Duty cycle (monthly) <sup>12</sup>	Up to 30,000 pages; <b>Recommended monthly page volume<sup>13</sup>:</b> 250 to 2500	
<b>Paper handling</b>		
Input	250-sheet input tray, 10-sheet priority tray	
Output	150-sheet output tray	
Media types	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards	
Media weight	60 to 163 g/m <sup>2</sup>	
Media Sizes Custom	76 x 127 to 216 x 356 mm	
Dimensions (w x d x h) <sup>2</sup>	403 x 407.4 x 263.1 mm	403 x 407.4 x 311.5 mm
Weight	8.64 kg	9.4 kg
What's in the box <sup>2</sup>	HP LaserJet Pro MFP M227d; HP Black LaserJet Toner Cartridge ~1600 pages; HP LaserJet Imaging Drum ~23,000 pages; Power cord; USB cable (AP); Getting started guide; Set up poster; Support flyer; Warranty documents (CN, Indo, AU, Mex, BR, AG); Printer documentation and software on CD-ROM; Errata declaration (some countries)	HP LaserJet Pro MFP M227sdn; HP Black LaserJet Toner Cartridge ~1600 pages; HP LaserJet Imaging Drum ~23,000 pages; Power cord; USB cable (AP); Getting started guide; Set up poster; Support flyer; Warranty documents (CN, Indo, AU, Mex, BR, AG); Printer documentation and software on CD-ROM; Errata declaration (some countries)
Software included	For Windows OS: HP Software Installer, HP Software Uninstaller (exclude Win8+), HP PCL6 Printer Driver, HP Device Experience (DXP), HP Connected, Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, Online user manuals, HP Scan Driver, HP Scan Application, HP Fax Driver (4:1 bundle only), HP Fax Application (4:1 bundle only), For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)	
Warranty features	One year limited warranty	
<b>Systems</b>		
Compatible operating systems <sup>19</sup>	Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows XP SP3 or higher (32-bit only); any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Apple OS X Sierra(v10.12), OS X El Capitan (v10.11), OS X Yosemite (v10.10) ; 1 GB HD; Internet required; USB. Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a> ). Unix (For more information, see <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> )	
Minimum system requirements	<b>PC:</b> Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; <b>Mac:</b> Apple OS X Sierra (v10.12), OS X El Capitan (v10.11), OS X Yosemite (v10.10); 1 GB HD; Internet required; USB	
Security management	No	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
Fonts and typefaces	84 scalable TrueType fonts	
Control panel	2-line LCD: 2-line LCD text display; Buttons(OK, Back, Forward/Backward, Cancel, Number of Copy, Darker/Lighter, Copy Menu, Start Copy, Main Setup); 2 light-emitting diode (LED) indicator lights (Ready, Attention).	2-line LCD: 2-line LCD text display; Buttons(OK, Back, Forward/Backward, Cancel, Number of Copy, Darker/Lighter, Copy Menu , Start Copy, Main Setup);2 light-emitting diode (LED) indicator lights (Ready, Attention).
Display	2-line LCD	
Energy efficiency compliance	CECP <sup>1</sup>	ENERGY STAR® qualified; CECP <sup>1</sup>
ENERGY STAR Qualified	No	Yes
Power	<b>Power supply type:</b> Internal; <b>Power supply required:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 5.9 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 3.3A; <b>Power consumption<sup>20</sup>:</b> 475 watts (active printing), 4.5 watts (ready), 1.0 watts (sleep), 0.8 watts (Auto Off/Wake on USB, enabled at shipment); <b>Typical Electricity Consumption number<sup>20</sup>:</b> BA: 0.941 kWh/Week; ES: 0.926 kWh/Week	
Acoustics	<b>Acoustic power emissions:</b> 6.5 B(A) (printing at 28 ppm) ; <b>Acoustic power emissions (ready):</b> 2.8 B(A) ; <b>Acoustic pressure emissions bystander (active, printing):</b> 52 dB(A) ; <b>Acoustic pressure emissions bystander (ready):</b> 16 dB(A)	<b>Acoustic power emissions:</b> 6.6 B(A) (printing at 28 ppm) ; <b>Acoustic power emissions (ready):</b> 2.8 B(A) ; <b>Acoustic pressure emissions bystander (active, printing):</b> 52 dB(A) ; <b>Acoustic pressure emissions bystander (ready):</b> 16 dB(A)
Environmental ranges	<b>Operating temperature range:</b> 15 to 32.5°C ; <b>Recommended operating temperature:</b> 17.5 to 25°C ; <b>Non-operating humidity range:</b> 10 to 90% RH ; <b>Operating humidity range:</b> 10 to 80% RH ; <b>Recommended operating humidity range:</b> 30 to 70% RH	
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009+A2:2013/EN60950-1:2006 +A11:2009 +A1:2010+A12:2011+A2:2013; IEC 60825-1:2007 / EN 60825-1:2007 (Class 1 Laser/LED Product); IEC 62479:2010 / EN 62479:2010; GB4943-2011	
Supported network protocols	No	TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; WINS; SNMP v 1/2/3; HTTP/HTTPS

## Footnotes

- <sup>1</sup> Based on ISO/IEC 19752 cartridge yields for HP 30A Black Original LaserJet Toner Cartridges compared with HP 83A Black Original LaserJet Toner Cartridges, and HP 30X High Yield Black Original LaserJet Toner Cartridges compared with HP 83X High Yield Black Original LaserJet Toner Cartridges. Learn more at <http://www.hp.com/go/learnaboutsupplies>
- <sup>2</sup> Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at <http://support.hp.com/us-en/document/c03561640>. For details on local printing requirements see <http://hp.com/go/mobileprinting>.
- <sup>3</sup> Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>
- <sup>4</sup> Feature is supported on select printers. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see <http://www.hp.com/go/mobileprinting>. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.
- <sup>5</sup> Requires Google Cloud Print™ registration and Google account. Learn more at <http://www.hp.com/go/mobileprinting>
- <sup>6</sup> Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at <http://www.hp.com/go/printerclaims>
- <sup>7</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings
- <sup>8</sup> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see [hpconnected.com](http://hpconnected.com).
- <sup>9</sup> App or software and HP ePrint account registration also may be required. Some features require purchase of an optional accessory. Learn more at <http://www.hp.com/go/mobileprinting>
- <sup>10</sup> For details on local printing requirements see <http://hp.com/go/mobileprinting>.
- <sup>11</sup> Not all HP Web Jetadmin features are supported on the HP LaserJet Pro MFP M227. HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>
- <sup>12</sup> Based on HP internal research on competitor offerings (Device Security Comparison 1/2015) and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Lab, 2/2015. Requires separate purchase. For details, see <http://www.hp.com/go/securitymanager>
- <sup>13</sup> Comparison based on ISO 24711 cartridge yields for HP 30X High Yield Black Original LaserJet Toner Cartridges compared with HP 30A Black Original LaserJet Toner Cartridges. Learn more at <http://www.hp.com/go/learnaboutsupplies>
- <sup>14</sup> As compared with cartridge gauges for HP predecessor products.
- <sup>15</sup> Feature is applicable to M227fdw only.

## Technical specifications disclaimers

- <sup>1</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>2</sup> HP 30A Original Black LaserJet Toner Cartridge (~1600 pages), HP 32A Original LaserJet Imaging Drum (~23,000 pages). Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>
- <sup>3</sup> Dimensions vary as per configuration
- <sup>4</sup> Dimensions vary as per configuration
- <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. Power consumption values typically based on measurement of 115V device.
- <sup>6</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. Energy Star value typically based on measurement of 115 V device.
- <sup>7</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- <sup>8</sup> Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>
- <sup>9</sup> Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>
- <sup>10</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <http://www.hp.com/go/SureSupply>; only available with Original HP supplies; Internet access required.
- <sup>11</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- <sup>12</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- <sup>13</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>14</sup> Measured 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.
- <sup>15</sup> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

To learn more, visit <http://www.hp.com>

