

# HP LaserJet Pro MFP M227fdw



Get more pages, performance, and protection 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, and manage to help maximize efficiency.



**Print speed:** Letter: Up to 30 ppm; First Page Out: As fast as 6.7 sec

**Print Resolution:** Black (best): Up to 1200 x 1200 dpi

**Print Technology Resolution:** HP FastRes 1200, HP ProRes 1200

**Standard Connectivity:** 1 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0 (host); 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out); Wireless, NFC

**Standard Memory:** Standard: 256 MB

**Mobile Printing Capability:** HP ePrint; Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; NFC touch-to-print enabled

**Paper Handling:** 250 sheet input tray, 10 sheet priority tray; 150 sheet output tray

**Display:** 2.7-in touch screen, LCD (color graphics)

## Fast speeds, low energy use

- Print, scan, copy, and fax 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 7 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</sup>

## Mobile printing made simple

- Print from iPhone® and iPad® with AirPrint®, which automatically scales jobs to the correct paper size.<sup>2</sup>
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology—no network needed.<sup>3,4</sup>
- Print with the ease of sending an email, right from a smartphone, tablet, or notebook, using HP ePrint.<sup>10</sup>
- Send jobs from your smartphone, tablet, or PC to any company printer, using Google Cloud Print™ 2.0.<sup>5</sup>

## Manage company-wide printing with confidence

- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>11</sup>
- Identify new devices and gain insight into printing with HP Web Jetadmin remote discovery and monitoring.<sup>11</sup>
- 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 cartridges that mimic Original HP. 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,<sup>1</sup> and track remaining pages to help ensure you get what you paid for.<sup>14</sup>



<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> Mobile device must have iOS v7.0 or higher. Learn more at <http://www.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> 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>  
<sup>5</sup> Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.  
<sup>6</sup> Requires Google Cloud Print™ registration and Google account. Learn more at <http://www.hp.com/go/mobileprinting>  
<sup>7</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>8</sup> Requires Google Cloud Print™ registration and Google account. Learn more at <http://www.hp.com/go/mobileprinting>  
<sup>9</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>10</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>11</sup> Printer requires ePrint account registration. App or software may be required. Learn more at <http://www.hp.com/go/mobileprinting>  
<sup>12</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>13</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>14</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>15</sup> As compared with cartridge gauges for HP predecessor products.

# HP LaserJet Pro MFP M227fdw Specifications Table

<b>Functions / Multitasking Supported</b>	Print, copy, scan, fax / Yes
<b>Print Speed</b>	<b>Letter:</b> Up to 30 ppm black; <sup>13</sup> <b>First Page Out:</b> As fast as 6.7 sec black; <sup>15</sup>
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 dpi
<b>Print Technology</b>	Laser
<b>Print Resolution Technologies</b>	HP FastRes 1200, HP ProRes 1200
<b>Print Cartridges Number</b>	1 Black
<b>Standard Print Languages</b>	PCL5c; PCL6; PS; PCLm; PDF; URF; PWG
<b>Printer Smart Software Features</b>	AirPrint 1.5 with media presence sensor, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Mopria-certified, Wi-Fi Direct Printing, Duplex Printing
<b>Printer Management</b>	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager
<b>Scan Type / Technology</b>	ADF; Flatbed / CIS
<b>Scan Resolution</b>	<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)
<b>Scan File Format</b>	JPG, RAW (BMP), PNG, TIFF, PDF
<b>Scan Input Modes</b>	Front control panel, scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software
<b>Scan Size</b>	<b>ADF:</b> 8.5 x 14 in Maximum; 5.85 x 8.27 in Minimum; <b>Flatbed:</b> 8.5 x 11.7 in
<b>Scan Speed</b>	Up to 15 ppm <sup>18</sup>
<b>Scanner Advanced Features</b>	Scan to email and network folders
<b>Native Scan File Format</b>	PDF, JPG
<b>Software Scan File Format</b>	JPG, RAW (BMP), PNG, TIFF, PDF
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital Sending Standard Features</b>	Scan to email; Scan to network folder
<b>Copy Speed</b>	<b>Black (letter):</b> Up to 30 cpm; <sup>16</sup>
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> 600 x 600 dpi; 600 x 600 dpi
<b>Maximum Number Of Copies</b>	Up to 99 copies
<b>Copier Resize</b>	25 to 400%
<b>Copier Settings</b>	Number of Copies; Lighter/Darker; Optimize; Paper; Multi-Page Copy; Collation; Draft Mode
<b>Fax Speed</b>	<b>Letter:</b> 3 sec per page <sup>17</sup>
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi (halftone enabled); <b>Black (standard):</b> 203 x 98 dpi
<b>Fax Smart Software Features</b>	Fax address book; Speed-dial; fax billing codes; Fax archiving and forwarding; Block incoming faxes
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 1,000 pages; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Retrieving:</b> Yes; <b>Fax Delays Sending:</b> Yes; <b>Distinctive Ring Detection Supported:</b> Yes; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> Yes; <b>Fax Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 120 numbers (119 group dials); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> Yes
<b>Standard Connectivity</b>	1 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0 (host); 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out); Wireless, NFC
<b>Network Capabilities</b>	10/100 Ethernet
<b>Network Ready</b>	Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)
<b>Wireless Capability</b>	built-in Wi-Fi 802.11b/g/n
<b>Mobile Printing Capability</b>	HP ePrint; Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; NFC touch-to-print enabled <sup>10</sup>
<b>Memory</b>	<b>Standard:</b> 256 MB; <b>Maximum:</b> 256 MB
<b>Processor Speed</b>	800 MHz
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 30,000 pages <sup>11</sup>
<b>Recommended Monthly Page Volume</b>	250 to 2,500 <sup>12</sup>
<b>Media Types Supported</b>	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards)
<b>Media Weight Supported</b>	16 to 43 lb
<b>Media Sizes Supported</b>	Letter; legal; executive; 8.5 x 13 in; envelopes
<b>Media Sizes Custom</b>	3 x 5 to 8.5 x 14 in
<b>Paper Handling</b>	250 sheet input tray; 10 sheet priority tray; 150 sheet output tray; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> 35 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 1 Main Tray plus 10 sheet priority; <b>Input Capacities:</b> Up to 260 sheets; <b>Output Capacities:</b> Up to 150 sheets; Up to 10
<b>What's in the box</b>	<b>G3Q75A</b> HP LaserJet Pro MFP M227fdw; HP Black LaserJet Toner Cartridge (~1600 pages); HP LaserJet Imaging Drum ~23,000 pages; Power cord; Getting started guide; Set up poster; Support flyer; Printer documentation and software on CD-ROM <sup>2</sup>
<b>Replacement Cartridges</b>	HP 30A Original Black LaserJet Toner Cartridge (CF230A (~1600 pages), HP 30X Original Black LaserJet Toner Cartridge (CF230X (~3500 pages), HP 32A Original LaserJet Imaging Drum (CF232A (~23000 pages) <sup>7</sup>

<b>Product Dimensions</b>	<b>W x D x H:</b> 15.9 x 16 x 12.3 in <sup>3</sup> ; <b>Maximum:</b> 15.9 x 24.6 x 17.9 in
<b>Product Weight</b>	20.7 lb
<b>Warranty Features</b>	One year limited warranty
<b>Energy Efficiency Compliance</b>	ENERGY STAR certified; Blue Angel; EPEAT Silver
<b>Control Panel</b>	2.7 in touch screen, LCD (color graphics)
<b>Display Description</b>	2.7-in touch screen, LCD (color graphics)
<b>Software Included</b>	For Windows OS: HP Software Installer; HP Software Uninstaller (exclude Win8+); HP PCL6 Printer Driver; HP Device Experience (DXP); HP Web Services Assist (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)
<b>Fonts and Typefaces</b>	84 scalable TrueType fonts
<b>Compatible Operating Systems</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; 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 El Capitan (v10.11), Yosemite (v10.10), Mavericks (v10.9); 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> ) <sup>19</sup>
<b>Compatible Network Operating Systems</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; 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 El Capitan (v10.11), Yosemite (v10.10), Mavericks (v10.9); 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> )
<b>Minimum System Requirements</b>	<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; 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; <b>MAC:</b> Apple OS X El Capitan (v10.11); Yosemite (v10.10); Mavericks (v10.9); 1 GB HD; Internet required; USB
<b>Power</b>	<b>Power Supply Type:</b> Internal; <b>Power Requirements:</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:</b> 475 watts (active printing), 4.5 watts (ready), 1.0 watts (sleep), 0.1 watts (Auto Off/Wake on USB, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 watts (Manual Off) <sup>4</sup>
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.6 B(A) (printing at 28 ppm); <b>Acoustic Pressure Emissions:</b> 52 dB(A)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 90.5°F; <b>Recommended Operating Temperature:</b> 63.5 to 77°F; <b>Storage Temperature Range:</b> -4 to 140°F; <b>Non-Operating Humidity Range:</b> 10 to 90% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH
<b>Security Management</b>	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
<b>Accessories</b>	No
<b>HP Service and Support Options</b>	UQ220E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ221E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ222E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M41E - HP 2 Year Care Pack Business Priority Support with Onsite Exchange; U6M42E - HP 3 Year Care Pack Business Priority Support with Onsite Exchange; U6M43E - HP 4 Year Care Pack Business Priority Support with Onsite Exchange

## Learn more at [hp.com](http://hp.com)

<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> 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 115 V device. <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. Energy Star value typically based on measurement of 115 V device. <sup>6</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>7</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>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> 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>10</sup> HP ePrint Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Google Cloud Print™ 2.0 Requires Google Cloud Print™ registration and Google account. Wireless operations are compatible with 2.4 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct printing. 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 [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance. NFC touch-to-print enabled requires a compatible NFC printing enabled mobile device. For a list of compatible NFC printing enabled mobile devices, see [hp.com/go/nfcprinting](http://hp.com/go/nfcprinting). <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 supplies, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>12</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>13</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>14</sup> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. <sup>15</sup> Measured 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.

