



## HP LaserJet Pro MFP M227fdw (G3Q75A)

Active as of 01/11/2016



### Overview

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, and manage to help maximise efficiency.

### List Price

£265.00

### Additional resources

[Warranty Checker \(HP Inc\)](#)

[Partner Pricing Information](#)

### 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>2</sup>

Help save energy with HP Auto-On/Auto-Off Technology.<sup>3</sup>

### Mobile printing made simple

Print from iPhone® and iPad® with AirPrint®, which automatically scales jobs to the correct paper size.<sup>5</sup>

Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology – no network needed.<sup>6,7</sup>

Print with the ease of sending an email, right from a smartphone, tablet, or notebook, using HP ePrint.<sup>8</sup>

### Manage company-wide printing with confidence

Centralise control of your printing environment with HP Web Jetadmin – and help build business efficiency.<sup>10</sup>

Identify new devices and gain insight into printing with HP Web Jetadmin remote discovery and monitoring.<sup>10</sup>

Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.<sup>11</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>12</sup>



### Fast two-sided printing and first page print time from ready mode

Allows you to print on both sides of the page, cutting your paper use by up to 50%



### HP Auto-On/Auto-Off Technology

Only the power you need



### HP Web Jetadmin

Take the guesswork out of fleet management



### HP JetAdvantage Security Manager



### Precision black toner

## Scan to email, USB, and network folders from 6.9 cm (2.7-inch) touchscreen

Save time by sending scanned documents or photos directly from your printer to email recipients



## HP ePrint, touch-to-print, and Wi-Fi Direct® printing

Unleash your printing

### Replaces

Status	Product Name	Discontinued	SKU
Pending discontinuance	HP LaserJet Pro MFP M225dw	01/12/9998	CF485A

### Specifications

#### Functions

Print, copy, scan, fax

#### Multitasking supported

Yes

#### Print speed black (normal, A4)

Up to 28 ppm<sup>1</sup>

#### Print speed duplex (A4)

Up to 18 ipm

#### First page out black (A4, ready)

As fast as 6.8 sec

#### Duty cycle (monthly, A4)

Up to 30,000 pages<sup>3</sup>

#### Recommended monthly page volume

250 to 2,500<sup>4</sup>

#### Number of users

1-5 Users

#### Print technology

Laser

#### Print quality black (best)

Up to 1200 x 1200 dpi

#### Processor speed

800 MHz

#### Print languages

PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG

#### Display

6.8 cm (2.7 in) touchscreen, LCD (colour graphics)

#### Print colours

No

#### Number of print cartridges

1 Black

#### Automatic paper sensor

No

#### Mac compatible

Yes

**Printer management**

HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager

**Security management**

Password-protected network embedded Web server, enable/disable Network ports, SNMPv1 community password change

**Fonts and typefaces**

84 scalable TrueType fonts

**HP ePrint capability**

Yes

**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<sup>10</sup>

**Wireless capability**

Built-in Wi-Fi 802.11b/g/n

**Connectivity, standard**

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

**Network ready**

Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)

**Minimum system requirements**

Windows: 10, 8.1, 8, 7: 32-bit/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

**Minimum system requirements for****Macintosh**

Apple OS X Sierra (v10.12), OS X El Capitan (v10.11), OS X Yosemite (v10.10), 1 GB available hard disk space, Internet required, USB port

**Compatible operating systems**

Windows: 10, 8.1, 8, 7: 32-bit/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; Apple OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), 1 GB available hard disk space, Internet required, USB; Linux (for more information, see <http://hplipopensource.com/hplip-web/index.html>); Unix (for more information, see <http://www.hp.com/go/unixmodelscripts>)<sup>18</sup>

*(No supporting Windows XP (64-bit) and Windows Vista (64-bit). Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; For Windows Server 2003 32-bit and 2008 32-bit and 64-bit, 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit only print driver is installed; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS)*

**Compatible network operating****systems**

Windows: 10, 8.1, 8, 7: 32-bit/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; Apple OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), 1 GB available hard disk space, Internet required, USB; Linux (for more information, see <http://hplipopensource.com/hplip-web/index.html>); Unix (for more information, see <http://www.hp.com/go/unixmodelscripts>)

**Memory, standard**

256 MB

**Memory, maximum**

256 MB

**Paper handling input, standard**

250-sheet input tray, 10-sheet priority tray

**Input capacity**

Up to 260 sheets

**Maximum input capacity (sheets)**

Up to 260 sheets

**Paper handling output, standard**

150-sheet output tray

**Output capacity**

Up to 150 sheets

**Maximum output capacity (sheets)**

Up to 150 sheets

**Duplex printing**

Automatic (standard)

**Paper trays, standard**

1 main tray, plus 10-sheet priority tray

**Paper trays, maximum**

1 main tray, plus 10 sheet priority

**Envelope feeder**

No

**Envelope input capacity**

Up to 10 envelopes

**Media sizes supported**

A4; A5; A6; B5 (JIS)

**Media sizes, custom**

76 x 127 to 216 x 356 mm

**Media types**

Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards

**Media weight, supported**

60 to 163 g/m<sup>2</sup>

**Scanner type**

ADF, Flatbed

**Scan file format**

JPG, RAW (BMP), PNG, TIFF, PDF

**Scan resolution, optical**

Up to 300 dpi (colour and monochrome, ADF); Up to 600 dpi (colour, flatbed); Up to 1200 dpi (monochrome, flatbed)

**Bit depth**

24-bit

**Scan size, maximum**

215.9 x 297 mm

**Scan size (ADF), maximum**

215.9 x 355.6 mm

**Automatic document feeder capacity**

35 sheets

**Digital sending standard features**

Scan to email; Scan to network folder

**File formats, supported**

PDF; JPG

**Scan speed (normal, A4)**

Up to 15 ppm<sup>6</sup>

**Scan input modes**

Front control panel, scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software

**Copy speed (black, normal quality, A4)**

Up to 28 cpm

**Copy resolution (black text)**

600 x 600 dpi

**Copy resolution (black graphics)**

600 x 600 dpi

**Copy reduce / enlarge settings**

25 to 400%

**Copies, maximum**

Up to 99 copies

**Copier settings**

Number of Copies; Lighter/Darker; Optimise; Paper; Multi-Page Copy; Collation; Draft Mode

**Faxing**

Yes

**Fax memory**

Up to 1,000 pages

**Fax resolution**

Up to 300 x 300 dpi (halftone enabled)

**Broadcast locations**

119 locations

**Speed dials, maximum number**

Up to 120 numbers (119 group dials)

**Auto redial**

Yes

**Fax delayed sending**

Yes

**Junk fax barrier**

Yes

**Polling**

Yes (poll to receive only)

**Remote retrieval**

No

**Fax forwarding**

Yes

**PC interface supported**

Yes

**Power**

Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz, 3.3 A

**Power supply type**

Internal

**Power consumption**

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>11</sup>

**Typical electricity consumption (TEC) number**

Blue Angel: 0.941 kWh/Week; Energy Star: 0.926 kWh/Week

**Energy efficiency**

ENERGY STAR certified; Blue Angel; EPEAT Silver

**ENERGY STAR® certified**

Yes

**Operating temperature range**

15 to 32.5°C

**Operating humidity range**

30 to 70% RH

**Minimum dimensions (W x D x H)**

403 x 407.4 x 311.5 mm

**Maximum dimensions (W x D x H)**

403 x 624.4 x 455.6 mm

**Weight**

9.4 kg

**Package dimensions (W x D x H)**

490 x 392 x 490 mm

**Package weight**

13.2 kg

**Country of origin**

Made in Vietnam

**What's in the box**

HP LaserJet Pro MFP M227fdw  
HP Black LaserJet Toner Cartridge (1,600 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  
USB cable  
Phone cord

**Cable included**

Yes, 1 USB; 1 USB PC to Printer

**Replacement cartridges**

HP 30A Original Black LaserJet Toner Cartridge CF230A (1,600 pages); HP 30X Original Black LaserJet Toner Cartridge CF230X (3,500 pages); HP 32A Original LaserJet Imaging Drum CF232A (23,000 pages)

**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 <http://www.hp.com> or OS App Source for LaserJet Software)

**Warranty**

One-year unit exchange 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.

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## Overview

- 1 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>.
- 2 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>.
- 3 HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
- 5 Mobile device must have iOS v7.0 or higher. Learn more at <http://www.hp.com/go/mobileprinting>.
- 6 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>.
- 7 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®.
- 8 Printer requires ePrint account registration. App or software may be required. Learn more at <http://www.hp.com/go/mobileprinting>.
- 10 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>.
- 11 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>.
- 12 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>.

## Specifications

- 1 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.
- 3 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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- 4 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 Measured using ISO/IEC 17991, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document complexity.
- 10 HP ePrint Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Apple AirPrint Mobile device must have AirPrint 1.5. Wireless operations are compatible with 2.4 GHz operations only. Learn more at <http://www.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 <http://www.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 <http://www.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 <http://www.hp.com/go/nfcprinting>.
- 11 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.
- 18 Not supporting Windows XP (64-bit) and Windows Vista (64-bit); Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; For Windows Server 2003 32-bit and 2008 32-bit and 64-bit, 2008 R2 64-bit, 2012 R2 64-bit only print driver is installed; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software

## Analyst report (1)

### IDC Top 10 Predictions

IDC outlines and analyzes our predictions for the 2013 printing and imaging market.

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## Brochure (2)

### HP LaserJets Tri-fold brochure (A4)

A tri-fold brochure featuring a lineup of the new HP LaserJet Pro printers and MFPs with Original HP Toner cartridges with JetIntelligence. An overview of features and how HP wins against the competition.

### Here's an idea: Re-imagine how business print - HP LaserJet 200 and 400 series

A tri-fold brochure featuring a lineup of the new HP LaserJet Pro printers and MFPs with Original HP Toner cartridges with JetIntelligence. An overview of features and how HP wins against the competition.

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## Certification (6)

### GS Certificate LaserJet Pro M227fdw Ultra M230fdw SHNGC-1503-02

LaserJet Pro M227fdw Ultra M230fdw

### CE Declaration LaserJet Pro M227fdw Ultra M230fdw SHNGC-1503-02

LaserJet Pro M227fdw Ultra M230fdw

### CE Declaration LaserJet Pro M227fdn SHNGC-1503-01

LaserJet Pro M227fdn

### GS Certificate LaserJet Pro M227fdn SHNGC-1503-01

LaserJet Pro M227fdn

### CE Declaration LaserJet Pro M227d M227sdn Ultra M230sdn SHNGC-1503-00

LaserJet Pro M227d M227sdn Ultra M230sdn

### GS Certificate LaserJet Pro M227d M227sdn Ultra M230sdn SHNGC-1503-00

LaserJet Pro M227d M227sdn Ultra M230sdn

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## Data sheet (1)

### HP LaserJet Pro MFP M227 series

HP LaserJet Pro MFP M227 series Data sheet

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## FAQ/Q&A (1)

### HP 2-part mono cartridge systems. Frequently asked questions (A4)

#### Partner & Channel

A frequently asked questions (FAQ) tool discussing the two types of HP 2-part mono cartridge systems for use in HP LaserJet Pro and LaserJet Ultra devices.

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## Legal/environmental documentation (1)

### Blue Angel User Information for HP LaserJet Pro MFP M227fdw

Blue Angel User Information for HP LaserJet Pro MFP M227fdw - English

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## Product family guide (5)

### HP printers, MFPs, and all-in-ones. Selection guide

Selection guide providing business customers the information they need to choose the right HP LaserJet or Officejet printer or MFP for their work teams, workgroups, and departments. Includes qualifying questions and tables comparing device features.

### HP Pro scanning devices. Product family guide

A selection guide providing SMB customers with the information they need to choose between purchasing an HP Pro scanner or Pro MFP/All-in-One. Includes qualifying questions and tables comparing device features.



## **HP LaserJet Pro M102 and MFP 130 series, M203 and MFP M227 series. Product guide (Valid for all EMEA, except Russia)**

A family product guide that includes product images and a summary of specifications for each product model in the lineup. Includes the HP LaserJet Pro M102, MFP M130, M203, and MFP M227 families.

## **HP LaserJet Pro M12/MFP M26 series, M102/MFP 130 series, and M203/MFP M227 series. Product guide (Valid for all EMEA, except Russia)**

A family product guide that includes product images and a summary of specifications for each product model in the lineup. Includes the HP LaserJet Pro M12/MFP M26, M102/MFP M130, and M203/MFP M227 families.

## **HP printers, MFPs, and all-in-ones. Selection guide (Valid for CEE, Turkey, UAE & KSA)**

Selection guide providing business customers the information they need to choose the right HP LaserJet or Officejet printer or MFP for their work teams, workgroups, and departments. Includes qualifying questions and tables comparing device features.

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## **Sales battle card (2)**

### **HP LaserJet Pro MFP M227 series. Competitive comparison (EMEA)**

#### **Partner & Channel**

A competitive comparison including details on competitor devices, key benefits, top three differentiators, and more for the HP LaserJet Pro MFP M227 series.

### **HP LaserJet Pro MFP M227 series. Competitive comparison (APJ)**

#### **Partner & Channel**

A competitive comparison including details on competitor devices, key benefits, top three differentiators, and more for the HP LaserJet Pro MFP M227 series.

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## **Solution brief (2)**

### **Original HP Toner cartridges with JetIntelligence. Solution brief (LTR)**

Learn about Original HP Toner cartridges with JetIntelligence, including key features and technologies, such as page maximizer technology, print gauge technology, ColorSphere 3 toner, anti-fraud technology and auto seal removal.

### **Original HP Toner cartridges with JetIntelligence. Solution brief (A4)**

Learn about Original HP Toner cartridges with JetIntelligence, including key features and technologies, such as page maximizer technology, print gauge technology, ColorSphere 3 toner, anti-fraud technology and auto seal removal.

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## **Success story (15)**

### **Principal: HP MPS solution expands to improve security, mobility**

Principal is building on its HP MPS foundation with HP Access Control and HP Capture and Route to help boost document security, reduce waste and simplify scanning.

### **Merck implements HP MPS to reduce costs and add environmental benefits**

Merck initiated HP Managed Print Services to help reduce costs and bring environmental benefits. By incorporating the latest technology advances, HP MPS helps Merck enhance efficiency, employee productivity, digital workflows and security.

### **Salt Lake Regional Medical Center saves with HP Partner Managed Print Services**

Salt Lake Regional Medical Center targets costs with HP Partner Managed Print Services. By standardizing on HP multifunction devices and scanning software, cost savings are substantial and IT staff is free to focus on IT infrastructure projects.

### **DreamWorks speeds contract process with help from HP, Hyland and Autonomy**

DreamWorks an HP MPS customer worked with HP to streamline its back office document processes with Enterprise Content Management. HP scanned contract-document archives which are indexed and searchable. HP MFPs serve as a capture mechanism.

### **RBC Capital Markets cuts costs and improves productivity with HP MPS**

With HP Managed Print Services, RBC Capital Markets has eliminated print infrastructure inefficiencies, cut costs an estimated 30 percent and enabled everyone from human-resources staff to bond brokers do their jobs better.

### **Mercury Insurance Group engaged HP MPS to empower their technology vision.**

Mercury Insurance Group transitioned from a break/fix environment of unreliable printers and toner to a proactive, optimized print infrastructure using HP MPS.

### **Milwaukee Electric Tool Corp. uses HP MPS and HP printers for heavy duty user**

High-quality HP printers, HP Managed Print Services and remote monitoring have freed Milwaukee Electric Tool Corporation to work on higher-order business needs and help save time, money and headaches in the process.

### **HP Planet Partners, HP PurchasEdge and HP MPS programs benefit Colorado State University**

Colorado State University is known for its research in infectious disease, clean energy technologies and environmental science. With HP Planet Partners, HP PurchasEdge and HP Managed Print Services programs, CSU reaps environmental and cost benefits.

**Quakertown Community School District uses HP Probooks to help students excel**

HP Probook Notebooks offer Quakertown Community School District the durable, reliable, high-quality power and performance that students and teachers require with the cost efficiency that helps keep public sector budgets on track.

**The Silver Valley Unified School District relies on HP Managed Print Services.**

With tight budgets and heightened focus on the Common Core State Standard Initiative in the field of Education, efficient and reliable technology is a must. That's why the Silver Valley Unified School District relies on HP Managed Print Services.

**HP MPS aids in efficient healthcare at Houston Healthcare while reducing costs**

Houston Healthcare, a non-profit healthcare system in Georgia, streamlined costs without impacting quality of care and improved efficiencies with HP Managed Print Services. Implementing HP MPS has reduced print costs at Houston Healthcare by 48%.

**HP Partner ABM Federal leverages HP tools for MPS at EPA**

ABM Federal is an HP Managed Print Advanced Specialist partner and provided the EPA with a managed print solution leveraging HP software, management tools, and printers to increase efficiency and reduce waste.

**Automobile dealership franchiser J.D. Byrider drives efficiency with HP MPS**

J.D. Byrider selected HP Managed Print Services for its 30 company-owned stores and its corporate headquarters. Costs are improved, efficiency is up, and high-quality, cost effective color printing is available with HP Officejet Pro X printers.

**HP MPS solves immediate problems and offers opportunities for Davis & Gilbert**

Davis & Gilbert is a leading law firm in the marketing communications industry. A year after employing HP MPS, printing is rarely raised as a concern among employees and cost savings grow each month.

**Global Legal Firm**

Security and efficiency benefits realized with HP Managed Print Services and HP Access Control for anonymous recognized global leader in the legal industry.

**Technical brief (3)**

**Original HP toner cartridge: A look inside. Technical brief (A4)**

This technical brief about LaserJet two-part toner cartridges; the heart of the printing system. A detailed cross-section educates the reader on the function of each component, highlighting the importance of using only HP Original cartridges.

**Original HP toner cartridge: A look inside. Technical brief (LTR)**

This technical brief about LaserJet two-part toner cartridges; the heart of the printing system. A detailed cross-section educates the reader on the function of each component, highlighting the importance of using only HP Original cartridges.

**Original HP toner cartridge: A look inside. HP LaserJet Pro M102, M104, M203, MFP M130, MFP M132, MFP M227, and HP LaserJet Ultra MFP M230. Technical brief (valid for Russia, India, China, Turkey and CIS only)**

This technical brief about LaserJet two-part toner cartridges; the heart of the printing system. A detailed cross-section educates the reader on the function of each component, highlighting the importance of using only HP Original cartridges

**Images - Product (7)**



Center facing

- 54 x 41 (jpg) 54 x 41 (png)
- 100 x 70 (jpg) 96 x 72 (jpg)
- 96 x 72 (png) 99 x 74 (png)
- 153 x 115 (png) 180 x 135 (png)
- 240 x 180 (jpg) 240 x 180 (png)
- 247 x 185 (png) 170 x 190 (jpg)
- 257 x 193 (png) 320 x 240 (jpg)



Left facing

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Right facing

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- 240 x 180 (jpg) 240 x 180 (png)
- 247 x 185 (png) 170 x 190 (jpg)
- 257 x 193 (png) 320 x 240 (jpg)



Detail view

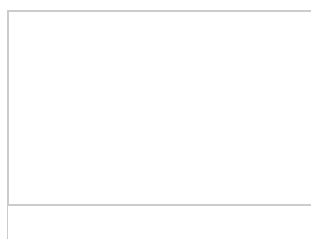
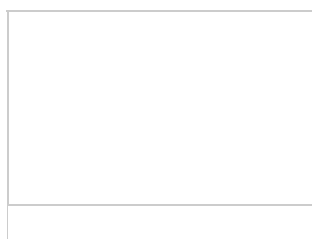
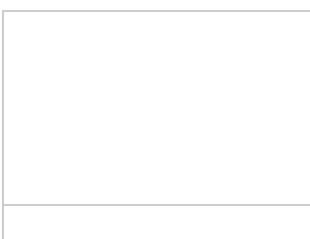
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- 99 x 74 (png) 99 x 74 (png)
- 153 x 115 (png) 153 x 115 (png)

320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
1500 x 1785 (jpg)	4148 x 3421 (png)
4201 x 3582 (jpg)	

240 x 180 (png)	240 x 180 (png)
247 x 185 (png)	247 x 185 (png)
170 x 190 (jpg)	170 x 190 (jpg)
257 x 193 (png)	257 x 193 (png)
320 x 240 (jpg)	320 x 240 (jpg)
320 x 240 (png)	320 x 240 (png)
474 x 356 (png)	474 x 356 (png)
513 x 385 (png)	513 x 385 (png)
400 x 400 (jpg)	400 x 400 (jpg)
400 x 400 (png)	400 x 400 (png)
573 x 430 (png)	573 x 430 (png)
800 x 600 (png)	800 x 600 (png)
1659 x 1246 (png)	1659 x 1246 (png)
1500 x 1698 (jpg)	1500 x 1707 (jpg)
4359 x 3611 (png)	4396 x 3744 (jpg)
4363 x 4256 (png)	4416 x 4382 (jpg)

320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
1500 x 1733 (jpg)	4188 x 3531 (png)
4329 x 3664 (jpg)	

153 x 115 (png)	180 x 135 (png)
180 x 135 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (jpg)
240 x 180 (jpg)	240 x 180 (png)
240 x 180 (png)	240 x 180 (png)
247 x 185 (png)	247 x 185 (png)
247 x 185 (png)	170 x 190 (jpg)
170 x 190 (jpg)	170 x 190 (jpg)
257 x 193 (png)	257 x 193 (png)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (jpg)	320 x 240 (jpg)
320 x 240 (png)	320 x 240 (png)
320 x 240 (png)	474 x 356 (png)
474 x 356 (png)	474 x 356 (png)
513 x 385 (png)	513 x 385 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (jpg)	400 x 400 (jpg)
400 x 400 (png)	400 x 400 (png)
400 x 400 (png)	573 x 430 (png)
573 x 430 (png)	573 x 430 (png)
800 x 600 (png)	800 x 600 (png)
800 x 600 (png)	1659 x 1246 (png)
1659 x 1246 (png)	1659 x 1246 (png)
1500 x 1527 (jpg)	4910 x 4449 (jpg)
4910 x 4449 (png)	5000 x 5000 (jpg)
5000 x 5000 (jpg)	5000 x 5000 (png)
5000 x 5000 (png)	



Hero	Rear facing	Top view open
54 x 41 (jpg) 54 x 41 (png)	54 x 41 (jpg) 54 x 41 (png)	54 x 41 (jpg) 54 x 41 (png)
100 x 70 (jpg) 96 x 72 (jpg)	100 x 70 (jpg) 96 x 72 (jpg)	100 x 70 (jpg) 96 x 72 (jpg)
96 x 72 (png) 99 x 74 (png)	96 x 72 (png) 99 x 74 (png)	96 x 72 (png) 99 x 74 (png)
153 x 115 (png) 180 x 135 (png)	153 x 115 (png) 180 x 135 (png)	153 x 115 (png) 180 x 135 (png)
240 x 180 (jpg) 240 x 180 (png)	240 x 180 (jpg) 240 x 180 (png)	240 x 180 (jpg) 240 x 180 (png)
247 x 185 (png) 170 x 190 (jpg)	247 x 185 (png) 170 x 190 (jpg)	247 x 185 (png) 170 x 190 (jpg)
257 x 193 (png) 320 x 240 (jpg)	257 x 193 (png) 320 x 240 (jpg)	257 x 193 (png) 320 x 240 (jpg)
320 x 240 (png) 474 x 356 (png)	320 x 240 (png) 474 x 356 (png)	320 x 240 (png) 474 x 356 (png)
513 x 385 (png) 400 x 400 (jpg)	513 x 385 (png) 400 x 400 (jpg)	513 x 385 (png) 400 x 400 (jpg)
400 x 400 (png) 573 x 430 (png)	400 x 400 (png) 573 x 430 (png)	400 x 400 (png) 573 x 430 (png)
800 x 600 (png) 1659 x 1246 (png)	800 x 600 (png) 1659 x 1246 (png)	800 x 600 (png) 1659 x 1246 (png)
1500 x 1606 (jpg) 4523 x 3051 (png)	1500 x 1657 (jpg) 4502 x 3318 (png)	1500 x 1830 (jpg) 4091 x 3924 (png)
4673 x 3161 (jpg)	4526 x 3542 (jpg)	4100 x 4050 (jpg)

## Images - Annotated (1)



## Videos (3)

HP LaserJet Pro MFP M227fdw and HP LaserJet Pro M203dw Product Overview (20 seconds)

HP LaserJet Pro MFP M227fdw and HP LaserJet Pro M203dw Product Overview. (1:1)

HP LaserJet Pro MFP M227fdw and HP LaserJet Pro M203dw Product Overview

## Search additional assets (Asset Hub)

### Search for additional assets

This link is being provided as a convenience and for informational purposes only. HP Sales Central bears no responsibility for the accuracy, legality or content of the external site or for that of subsequent links. Contact the external site for answers to questions regarding its content.

## HP Laser Toner Cartridges and Kits

### HP Black and White Laser Toner Printer Cartridges

Active	HP 30A Black Original LaserJet Toner Cartridge	CF230A
Active	HP 30X High Yield Black Original LaserJet Toner Cartridge	CF230X
Active	HP 32A Original LaserJet Imaging Drum	CF232A

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## HP Paper Designed for Laser Printers

### HP Laser Everyday Paper

Active	HP LaserJet Paper-500 sht/A4/210 x 297 mm	CHP310
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### HP Professional Laser Paper

Active	HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm	CG965A
Active	HP Professional Glossy Laser Photo Paper 200 gsm-100 sht/A4/210 x 297 mm	CG966A

---

## HP Paper for Multiple Uses

### HP Multi-use Everyday Paper

Active	HP Office Paper-500 sht/A4/210 x 297 mm	CHP110
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## Detailed Specifications

### Acoustic power emissions

6.6 B(A) (printing at 28 ppm)

### Acoustic power emissions (active copy)

6.5 B(A) (copying at 9 ppm with ADF running)

### Acoustic power emissions (active scan)

5.7 B(A)

### Acoustic power emissions (ready)

2.8 B(A)

### Acoustic pressure emissions bystander (active copy)

51 dB(A) (copying with ADF running)

### Acoustic pressure emissions bystander (active scan)

44 dB(A)

### Acoustic pressure emissions bystander (active, printing)

52 dB(A)

### Acoustic pressure emissions bystander (ready)

16 dB(A)

### Additional information about HP

<http://www.hp.com>

### Additional information about HP in the countries

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

### Auto fax reduction supported

Yes

### Auto redial

Yes

### Automatic document feeder capacity

35 sheets

### Automatic paper sensor

No

### Best technical electricity consumption (TEC)

0.926 kWh/Week

### Bit depth

24-bit

### Blue Angel (sleep mode)

1.1 Watts

### Bottom margin (A4)

4 mm

### Broadcast locations

119 locations

### Cable included

Yes, 1 USB; 1 USB PC to Printer

### Code name

Swan 4:1 fdw

### Color scanning

Yes

### Compatible network operating systems

Windows: 10, 8.1, 8, 7: 32-bit/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; Apple OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), 1 GB available hard disk space, Internet required, USB; Linux (for more information, see <http://hplipopensource.com/hplip-web/index.html>); Unix (for more information, see <http://www.hp.com/go/unixmodelscripts>)

**Compatible operating systems**

Windows: 10, 8.1, 8, 7: 32-bit/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; Apple OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), 1 GB available hard disk space, Internet required, USB; Linux (for more information, see <http://hplipopensource.com/hplip-web/index.html>); Unix (for more information, see <http://www.hp.com/go/unixmodelscripts>)

**Connectivity, standard**

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

**Control panel**

6.9 cm (2.7 in) touchscreen, LCD (colour graphics)

**Copier scaling (ADF)**

25 to 400%

**Copier settings**

Number of Copies; Lighter/Darker; Optimise; Paper; Multi-Page Copy; Collation; Draft Mode

**Copier smart software features**

Automatic Document Feeding

**Copies, maximum**

Up to 99 copies

**Copy reduce / enlarge settings**

25 to 400%

**Copy resolution (black graphics)**

600 x 600 dpi

**Copy resolution (black text)**

600 x 600 dpi

**Copy speed (black, normal quality, A4)**

Up to 28 cpm

**Copy speed black duplex (A4)**

Up to 18 cpm

**Copy speed footnote number**

[5]

**Copyright notice**

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**Country of origin**

Made in Vietnam

**Datasheet publication number**

4AA6-7490

**Digital sending standard features**

Scan to email; Scan to network folder

**Dimension footnote number**

[7]

**Display**

6.8 cm (2.7 in) touchscreen, LCD (colour graphics)

**Display area (metric)**

54 x 40.5 mm

**Distinctive ring detection supported**

Yes

**Downloadable software**

From <http://123.hp.com>: HP Easy Start (guided software install for Windows and Mac); From <http://www.HP.com> for Windows OS: full-solution software and drivers (same solution as "Software Included"), basic-solution software and drivers (with installer), Product Documentation and Support; From <http://www.HP.com> for Mac OS: HP Easy Start (guided software install); For Mobile OS: See "HP Mobile Printing" (<http://www8.hp.com/en/en/ads/mobility/overview.html>); From In-OS app stores: Gotham (HP AiO Remote for Windows 8), HP recommended printer drivers and software; From <http://www.HP.com> for printer administrators: Printer Administrator Resource Kit (driver configuration utility, driver deployment utility, managed printing administrator), HP Universal Print Drivers (PCL6, PS), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers, SAP (PS Print Drivers), HP Web JetAdmin Software (HP SNMP Proxy Agent), HP JetAdvantage Security Manager, ReadIris Software

**Driver updates**

Latest LAN information and drivers available from Support Web site:  
<http://www.hp.com/support/ljM227MFP>

**Duplex ADF scanning**

No

**Duplex printing**

Automatic (standard)

**Duty cycle (monthly, A4)**

Up to 30,000 pages

**Duty cycle footnote number**

[3]

**Electromagnetic compatibility**

CISPR 22:2008/EN 55022:2010 (Class B); EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2013; EN 55024:2010

**Energy efficiency**

ENERGY STAR certified; Blue Angel; EPEAT Silver

**Energy savings feature technology**

HP Auto-On/Auto-Off Technology

**ENERGY STAR® certified**

Yes

**Enhanced scanning resolution**

No

**Envelope feeder**

No

**Envelope input capacity**

Up to 10 envelopes

**Environmental**

Mercury free

**Fax delayed sending**

Yes

**Fax forwarding**

Yes

**Fax memory**

Up to 1,000 pages

**Fax phone TAM interface supported**

Yes

**Fax resolution**

Up to 300 x 300 dpi (halftone enabled)

**Fax resolution black**



203 x 196 dpi

**Fax smart software features**

Fax address book; Speed-dial; Fax billing codes; Fax archiving and forwarding; Block incoming faxes

**Fax speed footnote number**

[17]

**Fax telephone mode supported**

Yes

**Faxing**

Yes

**File formats, supported**

PDF; JPG

**First copy out black (A4)**

As fast as 6.7 sec

**First copy out black (A4, sleep)**

As fast as 9.3 sec

**First page out black (A4, ready)**

As fast as 6.8 sec

**First page out black (A4, sleep)**

As fast as 8.1 sec

**First page out footnote number**

[2]

**Fonts and typefaces**

84 scalable TrueType fonts

**Functions**

Print, copy, scan, fax

**HP ePrint capability**

Yes

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 260 sheets

**Junk fax barrier**

Yes

**Left margin (A4)**

4 mm

**Levels of grayscale**

256

**Mac compatible**

Yes

**Maximum dimensions (W x D x H)**

403 x 624.4 x 455.6 mm

**Maximum input capacity (sheets)**

Up to 260 sheets

**Maximum output capacity (sheets)**

Up to 150 sheets

**Maximum print area**

206 x 348 mm

**Media size (ADF)**

A4

**Media size, tray 1**

A4; A5; A6; B5 (JIS); Envelopes; Executive; 76 x 127 to 216 x 356 mm

**Media size, tray 2**

A4; A5; A6; B5 (JIS); Envelopes; Executive; 76 x 127 to 216 x 356 mm

**Media sizes supported**

A4; A5; A6; B5 (JIS)

**Media sizes supported, key**

A4; Envelopes

**Media sizes supported, key**

Letter; Legal; Envelopes

**Media sizes, custom**

76 x 127 to 216 x 356 mm

**Media type and capacity, ADF**

35 sheets

**Media type and capacity, tray 1**

Sheets: 10; envelopes: 10

**Media type and capacity, tray 2**

Sheets: 250; envelopes: 10

**Media types**

Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards

**Media weight (tray 1)**

60 to 163 g/m<sup>2</sup>

**Media weight (tray 2)**

60 to 163 g/m<sup>2</sup>

**Media weight, supported**

60 to 163 g/m<sup>2</sup>

**Media weights, supported ADF**

70 to 90 g/m<sup>2</sup>

**Memory, maximum**

256 MB

**Memory, standard**

256 MB

**Minimum dimensions (W x D x H)**

403 x 407.4 x 311.5 mm

**Minimum system requirements**

Windows: 10, 8.1, 8, 7: 32-bit/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

**Minimum system requirements for****Macintosh**

Apple OS X Sierra (v10.12), OS X El Capitan (v10.11), OS X Yosemite (v10.10), 1 GB available hard disk space, Internet required, USB port

**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

**Mobile printing capability footnote****number**

[10]

**Modem**

33.6 kbps

**Multitasking supported**

Yes

**Native scan file format**

PDF, JPG

**Network capabilities**

10/100 Ethernet

**Network protocols, supported**

TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; WINS; SNMP v 1/2/3; HTTP/HTTPS

**Network ready**

Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)

**Number of print cartridges**

1 Black

**Number of users**

1-5 Users

**Operating humidity range**

10 to 80% RH

**Operating humidity range**

30 to 70% RH

**Operating system (supported note)**

No supporting Windows XP (64-bit) and Windows Vista (64-bit). Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; For Windows Server 2003 32-bit and 2008 32-bit and 64-bit, 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit only print driver is installed; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS

**Operating system supported footnote number**

[18]

**Operating temperature range**

15 to 32.5°C

**Orderable supplies**

CF232A

**Output capacity**

Up to 150 sheets

**Package dimensions (W x D x H)**

490 x 392 x 490 mm

**Package weight**

13.2 kg

**Page yield footnote number**

[15]

**Paper handling input, standard**

250-sheet input tray, 10-sheet priority tray

**Paper handling output, standard**

150-sheet output tray

**Paper trays, maximum**

1 main tray, plus 10 sheet priority

**Paper trays, standard**

1 main tray, plus 10-sheet priority tray

**PC interface supported**

Yes

**Polling**

Yes (poll to receive only)

**Ports**

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)

**Post warranty repair & maintenance**

No

**Power**

Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz, 3.3 A

**Power consumption**

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)

**Power consumption footnote number**

[11]

**Power supply type**

Internal

**Print colours**

No

**Print languages**

PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG

**Print quality black (best)**

Up to 1200 x 1200 dpi

**Print quality black (normal)**

Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality)

**Print resolution black (fine lines)**

Up to 1200 x 1200 dpi

**Print speed**

Print speed up to 28 ppm (black)

**Print speed (A4/letter) footnote number**

[1]

**Print speed black (Landscape, A5)**

Up to 49 ppm

**Print speed black (normal, A4)**

Up to 28 ppm

**Print speed black (Portrait, A5)**

Up to 6 ppm

**Print speed duplex (A4)**

Up to 18 ipm

**Print speed footnote number (A5)**

[16]

**Print technology**

Laser

**Printer management**

HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager

**Printer smart software features**

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

**Processor speed**

800 MHz

**Product long name specifications**

HP LaserJet Pro MFP M227fdw

**Product workaround**

HP LaserJet Pro MFP M227fdw (shown with open paper tray)

**Recommended media weight (duplex)**

60 to 105 g/m<sup>2</sup>

**Recommended monthly page volume**

250 to 2,500

**Recommended monthly page volume footnote number**

[4]

**Recommended operating temperature range**

17.5 to 25°C

**Remote retrieval**

No

**Replacement cartridges**

HP 30A Original Black LaserJet Toner Cartridge CF230A (1,600 pages); HP 30X Original Black LaserJet Toner Cartridge CF230X (3,500 pages); HP 32A Original LaserJet Imaging Drum CF232A (23,000 pages)

**Replacement cartridges footnote number**

[14]

**Resolution**

Flatbed: 300 x 300 dpi, 600 x 600 dpi, 1200 x 1200 dpi for scan, 300 x 400 dpi for copy, ADF: 300 x 300 dpi for scan, 300 x 400 dpi for copy

**Resolution (black and white, standard mode)**

203 x 98 dpi

**Resolution (black and white, superfine mode)**

300 x 300 dpi (no halftone)

**Resolution (black photo grayscale)**

300 x 300 dpi (halftone enabled)

**Resolution technology**

HP FastRes 1200, HP ProRes 1200

**Right margin (A4)**

4 mm

**Safety**

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

**Scan file format**

JPG, RAW (BMP), PNG, TIFF, PDF

**Scan input modes**

Front control panel, scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software

**Scan resolution, hardware**

Up to 300 x 300 dpi (colour and monochrome, ADF); Up to 600 x 600 dpi (colour, flatbed); Up to 1200 x 1200 dpi (monochrome, flatbed)

**Scan resolution, optical**

Up to 300 dpi (colour and monochrome, ADF); Up to 600 dpi (colour, flatbed); Up to 1200 dpi (monochrome, flatbed)

**Scan size (ADF), maximum**

215.9 x 355.6 mm

**Scan size ADF (minimum)**

148.5 x 210 mm

**Scan size, maximum**

215.9 x 297 mm

**Scan size, minimum**

No

**Scan speed (normal, A4)**

Up to 15 ppm

**Scan speed footnote number**

[6]

**Scan technology**

CIS

**Scanner advanced features**

Scan to email and network folders

**Scanner type**

ADF, Flatbed

**Security management**

Password-protected network embedded Web server, enable/disable Network ports, SNMPv1 community password change

**Services (Care Pack)**

UH764E HP 3 year Care Pack with Return to Depot Support; UH757E HP 3 year Care Pack with Next Day Exchange for LaserJet Printers; UH764E HP 3 year Care Pack with Return to Depot Support for LaserJet Printers; (UH764E: ME, Africa, South Africa, Israel, Turkey, UH757E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia, UH764E: ME, Africa, South Africa, Israel, Turkey)

**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 <http://www.hp.com> or OS App Source for LaserJet Software)

**Software scan file format**

JPG, RAW (BMP), PNG, TIFF, PDF

**Speed dials, maximum number**

Up to 120 numbers (119 group dials)

**Standard media sizes (duplex)**

A4

**Standard output capacity (envelopes)**

Up to 10 envelopes

**Storage device and direct print support**

USB printing; Front-facing USB printing; Wi-Fi Direct

**Storage humidity**

10 to 90% RH

**Storage temperature range**

-20 to 60°C

**Sub-brand name**

LaserJet Pro

**Supplies feature**

HP JetIntelligence Cartridge

**Target user and print volume**

For teams up to 5 users; Prints up to 2,500 pages/month

**Tech spec footnote**

[1] 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.

**Tech spec footnote**

[10] 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 <http://www.hp.com/go/mobileprinting>. Apple AirPrint Mobile device must have AirPrint 1.5. Wireless operations are compatible with 2.4 GHz operations only. Learn more at <http://www.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 <http://www.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 <http://www.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 <http://www.hp.com/go/nfcprinting>.

**Tech spec footnote**

[11] 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.

**Tech spec footnote**

[12] 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.

**Tech spec footnote**

[13] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

**Tech spec footnote**

[14] 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>

**Tech spec footnote**

[15] 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>

**Tech spec footnote**

[16] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

**Tech spec footnote**

[17] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will increase the transmission time.

**Tech spec footnote**

[18] Not supporting Windows XP (64-bit) and Windows Vista (64-bit); Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; For Windows Server 2003 32-bit and 2008 32-bit and 64-bit, 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit only print driver is installed; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software

**Tech spec footnote**

[2] 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.

**Tech spec footnote**

[3] 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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

**Tech spec footnote**

[4] 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.

**Tech spec footnote**

[5] First Copy Out and Copy Speed measured using ISO/IEC 29183, 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.

**Tech spec footnote**

[6] Measured using ISO/IEC 17991, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document complexity.

**Tech spec footnote**

[7] Dimensions vary as per configuration.

**Tech spec footnote**

[8] HP 30A Original Black LaserJet Toner Cartridge (1,600 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>

**Tech spec footnote**

[9] EPEAT registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

**Telecom compliance (fax capability)**

Wireless telecommunications: EU R&TTE Directive 1999/5/EC, EN 301 489-1 V1.9.2/EN 301 489-17 V2.2.1, EN 300 328 V1.9.1/EN301 893 V1.8.1; Fax Telecom: ES 203 021, R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe)

**Telephone handset supported**

Yes

**Top key features**

35-sheet ADF; Two-sided printing

**Top margin (A4)**

4 mm

**Twain version**

Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher)

**Typical electricity consumption (TEC)**

**footnote number**

[12]

**Typical electricity consumption (TEC)**

**number**

Blue Angel: 0.941 kWh/Week; Energy Star: 0.926 kWh/Week

**UNSPSC code**

43212110

**Warranty**

One-year unit exchange 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.

**Web address for additional**

**information**

<http://www.hp.com/support/ljM227MFP>

**Weight**

9.4 kg

**What is in the box footnote number**

[8]

**What's in the box**

HP LaserJet Pro MFP M227fdw; HP Black LaserJet Toner Cartridge (1,600 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; USB cable; Phone cord

**Wireless capability**

Built-in Wi-Fi 802.11b/g/n

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