HP LaserJet Pro MFP M227fdn ()

Overview

Stay a step ahead with a wireless HP MFP that delivers more pages, performance, and protection.[1]

Get more pages, performance, and protection[1] 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.

Fast speeds, low energy use

Print, scan, copy, and fax with a compact multifunction laser printer that fits into tight workspaces.

Strong HP security

This printer helps detect, stop, and give notifications of security breaches.

Mobile printing made simple

Get simple setup, and print and scan from your phone, with the HP app.[2]

HP quality—print after print

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

Features

Print, scan, copy, and fax with one compact device

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

HP Auto-On/Auto-Off Technology

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

AirPrint® 1.5 with media presence sensor

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

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[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] Requires the HP 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 .

Specifications

Print Resolution Technologies	HP FastRes 1200, HP ProRes 1200
Print Resolution Black (best)	Up to 1200 x 1200 dpi
Print Speed Black (normal, A4)	Up to 28 ppm
Print Speed Black (normal, letter)	Up to 30 ppm
Print Margin Bottom (A4)	4 mm
Print Margin Left (A4)	4 mm
Print Margin Right (A4)	4 mm
Print Margin Top (A4)	4 mm
Duplex Print Options	Automatic (standard)
Duty Cycle (monthly, A4)	Up to 30,000 pages
Duty Cycle (monthly, letter)	Up to 30,000 pages[12]
Scanner Advanced Features	Scan to email and network folders
Fax Smart Software Features	Fax address book; Speed-dial; fax billing codes; Fax archiving and forwarding; Block incoming faxes
Energy Savings Feature Technology	HP Auto-On/Auto-Off technology
Replacement Cartridges	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)[8]
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)
Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Vista; macOS 10.11 El Capitan; macOS 10.12 Sierra; Linux; UNIX[19] *(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; Linux systems use in-OS HPLIP software)*
Technical Features	Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8.
Sustainability Specifications	Mercury free
Blue Angel Compliance	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy Speed Black (normal A4)	Up to 28 cpm

Copy Speed Black (normal, letter)	Up to 30 cpm
Copy Speed Black Duplex (A4)	Up to 18 cpm
Copy Speed Black Duplex (Letter)	Up to 18 cpm
Scan File Format	JPG, RAW (BMP), PNG, TIFF, PDF
Scan Technology	CIS
Power Consumption Description	475 watts (active printing), 4.5 watts (ready), 1.0 watts (sleep), 0.8 watts (Auto Off/Wake on USB, enabled at shipment)[5]
Power Supply Type	Internal
Manufacturer Warranty	One year limited warranty

Additional specifications

Accessories	No
Acoustic Power Emissions (ready)	2.8 B(A)
Acoustic Pressure Emissions Bystander (active, printing)	52 dB(A)
Acoustic Pressure Emissions Bystander (ready)	16 dB(A)
Automatic Paper Sensor	No
Best Technical Electricity Consumption (TEC)	0.926 kWh/wk
Bit Depth	24-bit
Blue Angel (Sleep mode)	1.1 watts
Cartons Per Layer	6
Color Scanning	Yes
Color or Black (filter)	Black and white
Compatible Network Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Vista; macOS X 10.10 Yosemite; macOS 10.11 El Capitan; macOS 10.12 Sierra; Linux; UNIX
Copier Reduce/enlarge	25 to 400%
Copier Settings	Number of Copies; Lighter/Darker; Optimize; Paper; Multi-Page Copy; Collation; Draft Mode
Copy Resolution, Black Graphics	600 x 600 dpi
Copy Resolution, Black Text	600 x 600 dpi
Count of Layers In Pallet	NA: 5, EMEA/APJ: 4
Downloadable Software	From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From 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 HP.com for Mac OS: HP Easy Start (Guided Software Install); For Mobile OS: See "HP Mobile Printing" (http://www8.hp.com/us/en/ads/mobility/overview.html); From In-OS app stores: Gotham (HP AiO Remote for Win 8), HP recommended printer drivers and software; From 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

Electromagnetic Emission Standard	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, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 6, GB9254-2008, GB17625.1-2012
Envelope Feeder	No
Fonts and Typefaces	84 scalable TrueType fonts
Grayscale Levels	256
Input Capacity, Max	Up to 260 sheets
Input Capacity, Max, Envelopes	Up to 10
Input Capacity, Std	Up to 260 sheets
Mac Compatible	Yes
Max Number Of Copies	Up to 99 copies
Maximum Memory	256 MB
Media Size, Tray 1 (metric)	A4; A5; A6; B5 (JIS); envelopes; letter; legal; executive; 76 x 127 to 216 x 356 mm
Media Size, Tray 2 (metric)	A4; A5; A6; B5 (JIS); envelopes; letter; legal; executive; 76 x 127 to 216 x 356 mm
Media Sizes Custom (imperial)	3 x 5 to 8.5 x 14 in
Media Sizes Custom (metric)	76 x 127 to 216 x 356 mm
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 Weights Supported, By Paper Path (Imperial)	16 to 43 lb
Media Weights Supported, By Paper Path (metric)	60 to 163 g/m²
Media Weights Supported, Tray 1 (metric)	60 to 163 g/m²
Media Weights Supported, Tray 2 (metric)	60 to 163 g/m²
Multitasking Supported	Yes
Native Scan File Format	PDF, JPG
Non-operating Humidity Range	10 to 90% RH
Number of Simultaneous Users (local + network)	1-5 Users
Operating Humidity Range	10 to 80% RH
Operating Humidity Range (recommended)	30 to 70% RH
Operating Temperature Range (celsius)	15 to 32.5ºC

Operating Temperature Range (fahrenheit)	59 to 90.5ºF
Operating Temperature Range (recommended celsius)	17.5 to 25ºC
Operating Temperature Range (recommended fahrenheit)	63.5 to 77ºF
Orderable Supplies	CF232A
Output Capacity, Max	Up to 150 sheets
Output Capacity, Std	Up to 150 sheets
Output Capacity, Std, Envelopes	Up to 10
Pallet Dimensions (imperial)	NA: 47.24 x 39.37 x 102.36 in, EMEA/APJ: 47.24 x 39.37 x 83.07 in
Pallet Dimensions W x D x H (metric)	NA: 1200 x 1000 x 2600 mm, EMEA/APJ: 1200 x 1000 x 2110 mm
Paper Handling Standard/input	250-sheet input tray, 10-sheet priority tray
Paper Handling Standard/output	150-sheet output tray
Paper Trays, Maximum	1 Main Tray plus 10 sheet priority
Paper Trays, Standard	1 Main tray and plus 10 sheet priority tray
Post Warranty Repair & Maintenance	No
Power Supply Required	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
Print Cartridges/Bottle, Number	1 Black
Print Colors	No
Print Languages, Standard	PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG
Print Resolution Black (Fine Lines)	Up to 1200 x 1200 dpi
Print Resolution Black (normal)	Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality)
Print Speed Black (Landscape, A5)	Up to 49 ppm
Print Speed Black (Portrait, A5)	Up to 6 ppm
Print Speed Black Duplex (A4)	Up to 18 ipm
Print Speed Black Duplex (Letter)	Up to 18 ipm
Print Speed Footnote Number (A5)	[15]
Print Technology	Laser
Printable Area Maximum (metric)	206 x 348 mm
Printer Management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager
Processor Speed	800 MHz
Product-specific Additional Information Pointer	http://www.hp.com/support/ljM227MFP
Quantity Per Pallet	NA: 30, EMEA/APJ: 24

Recommended Media Weight (duplex, imperial)	16 to 28 lb
Recommended Media Weight (duplex, metric)	60 to 105 g/m²
Recommended Monthly Page Volume	250 to 2500[13]
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
Scan Resolution, Enhanced	No
Scan Size Maximum (flatbed, imperial)	8.5 x 11.7 in
Scan Size Maximum (flatbed, metric)	215.9 x 297 mm
Segment (filter)	Business
Software Scan File Format	JPG, RAW (BMP), PNG, TIFF, PDF
Standard Media Sizes (duplex, Imperial)	Letter; legal
Standard Media Sizes (duplex, metric)	A4
Standard Media Sizes Supported (imperial)	Letter; legal; executive; 8.5 x 13 in; envelopes
Standard Media Sizes Supported (metric)	A4; A5; B5 (JIS); A6
Standard Memory	256 MB
Storage Temperature Range (celsius)	-20 to 60ºC
Storage Temperature Range (fahrenheit)	-4 to 140ºF
Sub-Brand Name	LaserJet Pro
System Requirements, Macintosh, Minimum	Apple OS X Sierra (v10.12), OS X El Capitan (v10.11), OS X Yosemite (v10.10); 1 GB HD; Internet required; USB
System Requirements, Minimum	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
Target Number of Users and Print Volume	For teams up to 5 users; Prints up to 2,500 pages/month
Technology	Laser
Twain Version	Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher)

Typical Electricity Consumption (TEC) number	0.941 kWh/Week (Blue Angel); 0.353 kWh/Week (Energy Star 3.0)[6]

[5] 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 typicallty based on measurement of 115 V device.

[6] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115 V device.

[8] 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 .

[12] 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.

[13] 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.

[19] 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

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