

# 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, and manage to help maximise efficiency.



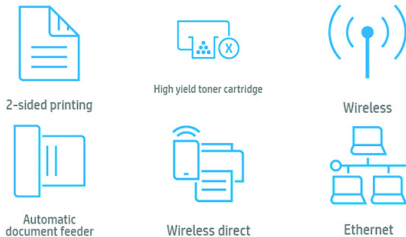
HP LaserJet Pro MFP M227sdn



HP LaserJet Pro MFP M227fdw

## Highlights

- Print, scan, copy and fax (M227fdn/fdw)
- Fast print speed (28 ppm A4)
- Automatic two-sided printing standard
- Scan-to email, USB and network folders (M227fdw)
- 2-line LCD (M227sdn/fdn) and 6.9 cm colour touchscreen (M227fdw)
- 35-sheet Automatic Document Feeder
- HP ePrint, Apple AirPrint
- WiFi Direct printing, NFC touch-to-print (M227fdw)
- JetIntelligence



### 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>
- Tackle tasks and scan to email, USB, and network folders from the 6.9 cm colour touchscreen.<sup>4</sup>

### Mobile printing made simple

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>5</sup>
- Easily print from a variety of smartphones and tablets.<sup>6</sup>
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology – no network needed.<sup>7,8</sup>
- Send jobs from your smartphone, tablet, or PC to any company printer, using Google Cloud Print™ 2.0.<sup>9</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>10</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>11</sup>
- Get more pages than ever before,<sup>1</sup> and track remaining pages to help ensure you get what you paid for.<sup>12</sup>

## Product walkaround

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

1. 35-sheet ADF
2. Flatbed scanner handles up to 216 by 297 mm paper
3. 6.9 cm colour touchscreen
4. Easy-access USB port
5. Automatic two-sided printing
6. Fax port, Hi-Speed USB 2.0 port, Fast Ethernet network port, access port for optional lock
7. 100-sheet output bin
8. Wi-Fi Direct printing and NFC touch-to-print
9. Top cover access to toner cartridges
10. 10-sheet priority input tray
11. 250-sheet input tray (shown open)
12. Built-in wireless networking (802.11b/g/n)



## Series at a glance



Model	HP LaserJet Pro MFP M227sdn	HP LaserJet Pro MFP M227fdw	HP LaserJet Pro MFP M227fdn
Product number	G3Q74A	G3Q75A	G3Q79A
Functions	Print, copy, scan	Print, copy, scan, fax	
Fax	No	Yes	
Print speed	Up to 28 ppm, 18 ipm duplex		
Automatic two-sided printing	Automatic (standard)		
Control panel	2-line LCD	6.9 cm touchscreen, LCD (colour graphics)	2-line LCD with Alphanumeric keypad
ADF	Yes, 35-sheets		Yes, 35-sheet
Networking	Built-in Ethernet	Built-in Ethernet, Wi-Fi 802.11b/g/n	Built-in Ethernet
Mobile printing capability	HP ePrint; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0	HP ePrint; Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; NFC touch-to-print enabled	HP ePrint; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0

## Configurable Items, Accessories, Supplies and Support

Supplies	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)
	CHP110 HP Office Paper-500 sht/A4/210 x 297 mm
Service and Support	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)

## Technical specifications

Model	HP LaserJet Pro MFP M227sdn	HP LaserJet Pro MFP M227fdw	HP LaserJet Pro MFP M227fdn
Product number	G3Q74A	G3Q75A	G3Q79A
Functions	Print, copy, scan	Print, copy, scan, fax	
Control panel	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)	6.9 cm (2.7 in) touchscreen, LCD (colour graphics)	2-line LCD text display; Buttons (OK, Back, Forward/Backward, Cancel, Number of Copy, Darker/Lighter, Copy Menu, Start Copy, Main Setup, Redial, Alphanumeric Keypad, Start Fax); 2 light-emitting diode (LED) indicator lights (Ready, Attention)
<b>Print</b>			
Print technology	Laser		
Print speed <sup>1</sup>	<b>Black (A4, normal)</b> Up to 28 ppm; <b>Black (A4, duplex):</b> Up to 18 ipm		
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 6.4 sec; <b>Black (A4, sleep):</b> As fast as 7.7 sec	<b>Black (A4, ready):</b> As fast as 6.8 sec; <b>Black (A4, sleep):</b> As fast as 8.1 sec	<b>Black (A4, ready):</b> As fast as 6.6 sec; <b>Black (A4, sleep):</b> As fast as 6.8 sec
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Technology:</b> HP FastRes 1200, HP ProRes 1200		
Monthly duty cycle <sup>3</sup>	Up to 30,000 pages A4; <b>Recommended monthly page volume<sup>4</sup>:</b> 250 to 2,500		
Printer smart software features	AirPrint 1.5 with media presence sensor, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Duplex Printing	AirPrint 1.5 with media presence sensor, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Duplex Printing, HP Smart App	AirPrint®, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Duplex printing
Standard print languages	PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG		
Fonts and typefaces	84 scalable TrueType fonts		
Print area	<b>Print margins</b> Top: 4 mm, Bottom: 4 mm, Left: 4 mm, Right: 4 mm; Maximum print area: 206 x 348 mm		
Duplex printing	Automatic (standard)		
<b>Copy</b>			
Copy speed <sup>5</sup>	<b>Black (A4):</b> Up to 28 cpm		
Copier specifications	Number of Copies; Lighter/Darker; Optimize; Paper; Multi-Page Copy; Collation; Draft Mode; ; <b>Maximum number of copies:</b> Up to 99 copies; <b>Copy resolution:</b> 600 x 600 dpi; <b>Reduce/Enlarge:</b> 25 to 400%		Number of Copies; Lighter/Darker; Optimize; Paper; Multi-Page Copy; Collation; Draft Mode; ; <b>Maximum number of copies:</b> Up to 99 copies; <b>Copy resolution:</b> 600 x 600 dpi; <b>Reduce/Enlarge:</b> 25 to 400%
<b>Scan</b>			
Scan speed <sup>6</sup>	<b>Normal (A4):</b> Up to 15 ppm		
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF		
Scanner specifications	<b>Scanner type:</b> ADF, Flatbed; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> Scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software; <b>Twain version:</b> Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed):</b> 215.9 x 297 mm; <b>Optical scan resolution:</b> Up to 300 dpi (colour and monochrome, ADF); Up to 600 dpi (colour, flatbed); Up to 1200 dpi (monochrome, flatbed)	<b>Scanner type:</b> ADF, Flatbed; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> Front control panel, scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software; <b>Twain version:</b> Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed):</b> 215.9 x 297 mm; <b>Optical scan resolution:</b> Up to 300 dpi (colour and monochrome, ADF); Up to 600 dpi (colour, flatbed); Up to 1200 dpi (monochrome, flatbed)	<b>Scanner type:</b> ADF, Flatbed; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> Scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software; <b>Twain version:</b> Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed):</b> 215.9 x 297 mm; <b>Optical scan resolution:</b> Up to 300 dpi (colour and monochrome, ADF); Up to 1200 dpi (colour and monochrome, flatbed)
Scanner advanced features		Scan to email and network folders	
Scannable area	<b>Minimum media size (flatbed):</b> No <b>Maximum media size (ADF):</b> 215.9 x 297 mm; <b>Minimum media size (ADF):</b> 148.5 x 210 mm <b>Maximum media size (ADF):</b> 215.9 x 355.6 mm		
Bit depth/ Grey scale levels	24-bit / 256		
Digital sending		Standard: Scan to email; Scan to network folder	
<b>Fax</b>			
Fax	No	Yes, 33.6 kbps	
Fax specifications		<b>Fax memory:</b> Up to 1,000 pages; <b>Fax resolution:</b> Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Superfine: 300 x 300 dpi (no halftone); <b>Quick dialing:</b> Up to 120 numbers (119 group dials)	
Fax smart software features		Fax address book; Speed-dial; Fax billing codes; Fax archiving and forwarding; Block incoming faxes	Fax address book; Speed-dial; fax billing codes; Fax archiving and forwarding; Block incoming faxes
Processor speed	800 MHz		
<b>Connectivity</b>			
Standard	1 Hi-Speed USB 2.0; 1 Ethernet 10/100Base-TX	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	1 Hi-Speed USB 2.0; 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out)
Wireless	No	Built-in Wi-Fi 802.11b/g/n	No
Mobile printing capability	HP ePrint; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0	HP ePrint; Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; NFC touch-to-print enabled	HP ePrint; AirPrint®; Google Cloud Print™ 2.0
Supported network protocols	TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; WINS; SNMP v 1/2/3; HTTP/HTTPS		
Network capabilities	10/100 Ethernet		
Memory	<b>Standard:</b> 256 MB; <b>Maximum:</b> 256 MB		
<b>Media handling</b>			
Number of paper trays	<b>Standard:</b> 1 main tray, plus 10-sheet priority tray; <b>Maximum:</b> 1 main tray, plus 10 sheet priority		
Media types	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards		
Media size	; <b>Supported (metric):</b> A4; A5; A6; B5 (JIS); <b>ADF:</b> A4		
Media handling	<b>Standard input:</b> 250-sheet input tray, 10-sheet priority tray <b>Standard output:</b> 150-sheet output tray <b>ADF:</b> 35 sheets		<b>Standard input:</b> 250-sheet input tray, 10-sheet priority tray <b>Standard output:</b> 150-sheet output tray <b>ADF:</b> Standard, 35 sheets
Media weight	60 to 163 g/m <sup>2</sup> ; <b>ADF:</b> 70 to 90 g/m <sup>2</sup>		
Input capacity	<b>Tray 1:</b> Sheets: 10; envelopes: 10 <b>Tray 2:</b> Sheets: 250; envelopes: 10 <b>Maximum:</b> Up to 260 sheets <b>ADF:</b> 35 sheets		<b>Tray 1:</b> Sheets: 10; envelopes: 10 <b>Tray 2:</b> Sheets: 250; envelopes: 10 <b>Maximum:</b> Up to 260 sheets <b>ADF:</b> Standard, 35 sheets
Output capacity	<b>Standard:</b> Up to 150 sheets Envelopes: Up to 10 envelopes <b>Maximum:</b> Up to 150 sheets		
Compatible operating systems <sup>7</sup>	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 <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> )		
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 <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>Windows:</b> 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; <b>Mac:</b> 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		
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 <a href="http://www.hp.com">http://www.hp.com</a> or OS App Source for LaserJet Software)		
Security management	Password-protected network embedded Web server, enable/disable Network ports, SNMPv1 community password change		Password-protected network embedded Web server; Enable/Disable Network ports; SNMPv1 community password change; 802.1x authentication
Printer management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager		
<b>Dimensions and weight</b>			

Printer dimensions (W x D x H) <sup>9</sup>	<b>Minimum</b> 403 x 407.4 x 311.5 mm; <b>Maximum</b> 403 x 624.4 x 455.6 mm		
Printer weight	9.4 kg		
Operating environment	<b>Temperature:</b> 15 to 32.5°C; <b>Humidity:</b> 30 to 70% RH		
Storage conditions	<b>Temperature:</b> -20 to 60°C ; <b>Humidity:</b> 10 to 90% RH		
Acoustics	<b>Acoustic power emissions:</b> 6.6 B(A) (printing at 28 ppm); <b>Acoustic pressure emissions:</b> 52 dB(A)		
Power <sup>9</sup>	<b>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. Not dual voltage, power supply varies by part number with # Option code identifier. ; <b>Consumption:</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 (TEC)<sup>10</sup>:</b> Blue Angel: 0.941 kWh/Week; Energy Star: 0.926 kWh/Week ; <b>Power supply type:</b> Internal	<b>Requirements:</b> Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz, 3.3 A ; <b>Consumption:</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 (TEC)<sup>10</sup>:</b> Blue Angel: 0.941 kWh/Week; Energy Star 3.0: 0.353 kWh/Week ; <b>Power supply type:</b> Internal	<b>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. Not dual voltage, power supply varies by part number with # Option code identifier. ; <b>Consumption:</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 (TEC)<sup>10</sup>:</b> Blue Angel: 0.941 kWh/Week; Energy Star 3.0: 0.353 kWh/Week ; <b>Power supply type:</b> Internal
Energy savings feature technology	HP Auto-On/Auto-Off Technology		HP Auto-On/Auto-Off technology
Certifications <sup>11</sup>	<b>Electromagnetic emission standard:</b> 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 STAR <sup>®</sup> qualified; CECP <b>Telecom compliance:</b> No	<b>Electromagnetic emission standard:</b> 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 STAR <sup>®</sup> qualified; CECP <b>Telecom compliance:</b> 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)	TUV and GS Mark (Germany); Nemko; Fimko; Demko; Semko (Nordic); Eastern European approvals; CE Marking; Energy Star; UL listed and etc. <b>Electromagnetic emission standard:</b> 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 <b>Telecom compliance:</b> Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); other Telecom approvals as required by individual countries
Sustainable impact specifications	Mercury free		
Blue Angel compliant		Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	
Country of origin	Made in Vietnam		
What's in the box <sup>12</sup>	G3Q74A HP LaserJet Pro MFP M227sdn; 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	G3Q75A 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	G3Q79A HP LaserJet Pro MFP M227fdn; 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
Warranty	One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.		

## 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> 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>3</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
- <sup>4</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>5</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>6</sup> For details on local printing requirements see <http://hp.com/go/mobileprinting>.
- <sup>7</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>8</sup> Feature is supported on select printers. Mobile devices need 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>9</sup> Requires Google Cloud Print™ registration and Google account. Learn more at <http://www.hp.com/go/mobileprinting>.
- <sup>10</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>11</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.hphp.com/go/learnaboutsupplies>.
- <sup>12</sup> As compared with cartridge gauges for HP predecessor products.

## Technical specifications disclaimers

- <sup>1</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>2</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.
- <sup>3</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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- <sup>4</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>5</sup> 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.
- <sup>6</sup> 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.
- <sup>7</sup> 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.
- <sup>8</sup> Dimensions vary as per configuration.
- <sup>9</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>10</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>11</sup> EPEAT registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>12</sup> 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>



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

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