

# HP LaserJet MFP M234 Printer Series



A compact multifunction printer with the fastest two-sided printing in its class<sup>1</sup> and the time-saving HP Smart app.<sup>2,3</sup> Includes HP+, HP's smart printing system that comes with 6 months of Instant Ink trial and 1 extra year of HP customer support.<sup>7</sup>



This is an HP+ printer. It requires an HP account, connection to the internet, and exclusive use of Original HP Toner cartridges for the life of the printer. More at: <http://www.hp.com/plus-faq>

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

## Work fast. Work smart.

- Speed through multipage documents with the fastest in-class two-sided printing speed.<sup>1</sup>
- You can fit this LaserJet almost anywhere – it's that small and compact.
- Get better range and faster, more reliable connections using dual-band Wi-Fi™ with self-reset.<sup>5</sup>
- Breeze through scan and copy tasks, using the 40-page automatic document feeder.
- Easily share resources – access and print with wireless and Ethernet networking.<sup>4</sup>

## Never run out<sup>10</sup> and save up to 50%<sup>11</sup> with Instant Ink for laser printing

- Never run out of toner for your laser printer.<sup>10</sup> Convenient toner replacements and smart delivery included.
- Save up to 50% with Instant Ink.<sup>11</sup> Enroll to get toner, delivery and recycling starting at \$3.99 a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.<sup>12</sup>
- Help us put plastic back into printers with prepaid recycling service included.<sup>13</sup>
- With HP Smart app, you can stay connected to your printer from virtually anywhere.<sup>6</sup> Get notifications when printing, scanning, or copying from your smartphone.<sup>6</sup>

## HP+ Smart printing has arrived

- This cloud-connected HP+ printer is smarter – it keeps itself up to date and ready to print.<sup>6</sup>
- Never run out of toner with Instant Ink. Enroll to get toner, plus hassle-free delivery and recycling all starting at \$3.99 a month. Up to 6 months of printing included with HP+.<sup>8</sup>
- Print and scan from the palm of your hand. Enjoy advanced productivity features for 2 years with HP+.<sup>2</sup>
- Putting the planet first with Forest First prints.<sup>12</sup>

## Stay productive from anywhere

- Get high-quality scanning, and share to Dropbox, Google Drive, or email – from virtually anywhere.<sup>2</sup>
- Print documents and images directly from Dropbox and Google Drive with HP Smart app.<sup>2</sup>
- Save time by sending a secure fax from your smartphone, tablet, or PC with HP Smart app.<sup>2</sup>
- Eliminate steps in repetitive tasks with Shortcuts.<sup>2</sup> Scan to the cloud, email, and more in just a tap.<sup>2</sup>



Fast two-sided printing



Inks



HP AIO Remote

Product walkaround

HP LaserJet MFP M234sdwe

- 1. 40-sheet auto document feeder<sup>6</sup>
- 2. HP Smart app
- 3. ICON LCD with Smart, contextual UI
- 4. Flatbed scanner with ID copy
- 5. USB, Ethernet, dual-band Wi-Fi with self-reset<sup>1</sup>
- 6. 100-sheet output tray
- 7. Fastest two-sided printing: Duplex: 18 ipm A4<sup>2,3</sup>
- 8. Simplex: 29 ppm A4<sup>2</sup>
- 9. 150-sheet enclosed input tray
- 10. Enclosed input tray



Series at a glance



Model	HP LaserJet MFP M234sdwe Printer		HP LaserJet MFP M234dwe Printer
Product number	6GX01E		6GW99E
Functions	Print, scan, copy, send mobile fax, <sup>5</sup> 40-page automatic document feeder		Print, scan, copy, send mobile fax <sup>5</sup>
Connectivity	Dual band Wi-Fi™ with self-reset <sup>1</sup> , Built-in fast Ethernet, Hi-Speed USB		
Print speeds	29 ppm <sup>4</sup> , A4		
Paper handling	150-sheet input tray, automatic two-sided printing, 40-page automatic document feeder		150-sheet input tray, automatic two-sided printing
User interface	Smart, contextual UI; buttons appear only when needed		Contextual UI with smart-guided buttons and lighting

<sup>1</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.

<sup>2</sup> Compared to in-class monochrome laser printers and MFPs less than \$240 USD or 203€ for single-function or less than \$340 USD or 288€ for multifunction, all with a published max monthly duty cycle of 20,000 pages or lower. Buyers Lab August 2020 study commissioned by HP, based on a research survey OEM published specifications publicly available information as of August 4, 2020. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2020Q1 Worldwide. For details, please see [keypointintelligence.com/HPFastestDuplex](http://keypointintelligence.com/HPFastestDuplex).

<sup>3</sup> Print speed in pages per minute (ppm). Printing speed measured using ISO/IEC 24734 and 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>4</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, host OS, port-monitor, software application, driver, and document complexity.

<sup>5</sup> Requires the HP Smart app download. For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Certain features/software are available in English language only, and differ between desktop and mobile applications. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at [hprintplans.com](http://hprintplans.com). Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see [hpsmart.com/mobile-fax](http://hpsmart.com/mobile-fax).

<sup>6</sup> Available only on the M234sdwe model.

Configurable Items, Accessories, Supplies and Support

Supplies	W1340A HP 134A Black Original LaserJet Toner Cartridge (~1,100 pages) W1340X HP 134X High Yield Black Original LaserJet Toner Cartridge (~2,400 pages)
Service and Support	U13FCE HP Plus 3 year Next Business Day Exchange Service for LaserJet Printers U16FVE HP Plus 3 year Onsite Exchange Service for LaserJet Printers U16FYE HP Plus 3 year Return to Depot Service for LaserJet Printers

## Technical specifications

Model	HP LaserJet MFP M234sdwe Printer		HP LaserJet MFP M234dwe Printer
Product number	6GX01E		6GW99E
Functions	Print, copy, scan		
Control panel	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)		Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)
Print			
Print technology	Laser		
Print speed <sup>7</sup>	Black (A4, normal) Up to 29 ppm; Black (A4, duplex): Up to 18 ipm;		
First page out <sup>8</sup>	Black (A4, ready): As fast as 7 sec; Black (A4, sleep): As fast as 7.6 sec;		
Print resolution	Black (best): Up to 600 x 600 dpi;		
Monthly duty cycle	Up to 20,000 pages A4; Recommended monthly page volume: 200 to 2,000		
Printer smart software features	Automatic duplex printing, Instant-on Technology, HP Auto-On/Auto-Off <sup>1</sup> , HP Smart App <sup>2</sup>		
Standard print languages	PCLmS, URF, PWG		
Print area	Print margins Top: 6 mm, Bottom: 6 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 216 x 354 mm		
Duplex printing	Automatic (standard)		
Copy			
Copy speed	Black (A4): Up to 29 cpm		
Copier specifications	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and two-sided on ADF bundles.; Maximum number of copies: Up to 99 copies; Reduce/Enlarge: 25 to 200%;	Number of Copies; Lighter/Darker; Optimize; Paper size/type; Maximum number of copies: Up to 99 copies; Reduce/Enlarge: 25 to 200%;	
Scan			
Scan speed <sup>11</sup>	Normal (A4): Up to 19 ppm (b&w), up to 10 ppm (color);		
Scan file format	JPEG, TIFF, PDF, BMP, PNG		
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: CIS; Scan input modes: Front-panel copy, HP Smart app, HP Scan SW, app through scan driver; Twain version: Version 2.1; Duplex ADF scanning: No; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 600 dpi	Scanner type: Flatbed; Scan technology: CIS; Scan input modes: Front-panel copy, HP Smart app, HP Scan SW, app through scan driver; Twain version: Version 2.1; Duplex ADF scanning: No; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 600 dpi	
Scanner advanced features	No		
Recommended monthly scan volume	150 to 1,500		
Scannable area	Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm	Maximum media size (flatbed): 216 x 297 mm;	
Bit depth/ Grey scale levels	24-bit / 256		
Fax			
Fax	No		
Processor speed	500 MHz		
Connectivity			
Standard	1 Hi-Speed USB 2.0; 1 Fast Ethernet 10/100Base-TX; 1 Dual-band (2.4/5.0GHz) Wireless 802.11b/g/n with Bluetooth® low energy		
Optional	No		
Wireless	1 built-in W-iFi 802.11b/g/n		
Mobile printing capability <sup>5</sup>	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing		
Supported network protocols	TCP/IP: IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP		
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n		
Hard disk	No		
Memory	Standard: 64 MB; Maximum: 64 MB		
Media handling			
Number of paper trays	Standard: 1 ; Maximum: 1		
Media types	Media Type: Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard		
Media size	Custom (metric): 101.6 x 152.4 to 216 x 356 mm ; Supported (metric): A4; A5; A6; B5 (JIS) ; ADF: A4, A5, B4, B5, Letter, Legal	Custom (metric): 101.6 x 152.4 to 216 x 356 mm ; Supported (metric): A4; A5; A6; B5 (JIS)	
Media handling	Standard input: 150-sheet input tray Standard output: 100-sheet output tray ADF: Standard, 40 sheets	Standard input: 150-sheet input tray Standard output: 100-sheet output tray	
Media weight	60 to 163 g/m²; ADF: 60 to 90 g/m²	60 to 163 g/m²;	
Input capacity	Tray 1: Sheets: 150; Envelopes: 10 Maximum: Up to 150 sheets ADF: Standard, 40 sheets	Tray 1: Sheets: 150; Envelopes: 10 Maximum: Up to 150 sheets	
Output capacity	Standard: Up to 100 sheets Envelopes: Up to 10 envelopes Maximum: Up to 100 sheets		

## Technical specifications

Model	HP LaserJet MFP M234sdwe Printer		HP LaserJet MFP M234dwe Printer	
Product number	6GX01E		6GW99E	
Compatible operating systems	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; Linux			
Compatible network operating systems	Windows 11; Linux			
Minimum system requirements	<b>Windows:</b> Microsoft® Windows® 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection. ; <b>Mac:</b> Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required			
Software included	No CD inbox (expect Indonesia and China Gov) Downloadable Software from hp.com or 123.hp.com #CD include HP Software Installer, Uninstaller, printer driver and other essential tools			
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; TLS 1.0/1.1 disabled by default; Update to OpenSSL version 1.1.1; Enable/disable Network ports; SNMPv1, SNMPv2, and SNMPv3, Community password change; Secure defaults, Encrypted data at rest, Active FW update, Admin password by default, Cipher & TLS selection; Account lockout; Secure Wi-Fi setup			
Printer management	HP Printer Assistant (UDC); HP Device Toolbox			
Dimensions and weight				
Printer dimensions (W x D x H)	Minimum 418.0 x 308.0 x 294.4 mm; Maximum: 418.0 x 467.6 x 452.8 mm;		Minimum 368.0 x 298.6 x 241.9 mm; Maximum: 368.0 x 419.6 x 436.3 mm;	
Printer weight	9.5 kg		7.6 kg	
Operating environment	Temperature: 15 to 32.5°C; Humidity: 30 to 70% RH			
Storage conditions	Temperature: -20 to 60°C; Humidity: 10 to 90% RH			
Acoustics	Acoustic power emissions: 6.6 B(A); Acoustic pressure emissions: 51 dB(A)			
Power	Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.8 A. Not dual voltage, power supply varies by part number with # Option code identifier.; Consumption: 453 watts (active printing), 3.3 watts (ready), 0.6 watts (sleep), 0.6 watts (Auto Off/Wake on LAN, enabled at shipment), 0.04 watts (Auto-off/Manual-on), 0.04 (Manual Off); Typical Electricity Consumption (TEC) <sup>10</sup> : 0.256 kWh/Week (Energy Star); Power supply type: Built-in 110V or 200V Power Supply;		Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.8 A. Not dual voltage, power supply varies by part number with # Option code identifier.; Power supply type: Built-in 110V or 200V Power Supply;	
Energy savings feature technology	HP Auto-On/Auto-Off Technology			
Certifications	RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 ENERGY STAR® certified Telecom compliance: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / draft EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008		RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 ENERGY STAR® certified Telecom compliance: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / draft EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008	
Sustainable impact specifications	Mercury free			
Country of origin	Made in Vietnam			
What's in the box <sup>3</sup>	6GX01E HP LaserJet MFP M234sdwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord		6GW99E HP LaserJet MFP M234dwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Dust Cover; Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord	
Warranty	Two-year limited warranty			

## Footnotes

- <sup>1</sup> Compared to in-class monochrome laser printers and MFPs less than \$210 USD or 220€ for single function or less than \$310 USD or 320€ for multifunction, all with a published max monthly duty cycle of 20,000 or lower. Exact HP printer speeds vary depending on the system configuration, software application, drive, and document complexity. Buyers Lab September 2020 study commissioned by HP, based on a research survey OEM published specifications publicly available information as of 09/01/2020. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q2 for North America and EMEA. For details: [keypointintelligence.com/HPFastestDuplex](http://keypointintelligence.com/HPFastestDuplex)
- <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at [www.hpsmart.com](http://www.hpsmart.com). Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 2 years, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries. For more information, see [www.hpsmart.com](http://www.hpsmart.com).
- <sup>3</sup> Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcut, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>4</sup> Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced 450 USD. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical CYQ4 2020. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study April 2021 commissioned by HP. For details, please see: <http://www.keypointintelligence.com/HPSmartApp>
- <sup>5</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.
- <sup>6</sup> Utilizing technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilizing Smart Driver and Print/Scan Doctor technology, more secure with Smart Security technology, more productive through HP Smart Advance features included for 2 years, and more sustainable by enabling Forest First printing and net-zero deforestation prints.
- <sup>7</sup> Instant Ink sign up required. Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete Instant Ink signup within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Unless service is cancelled within the promotional period online at [www.hpinstantink.com](http://www.hpinstantink.com), a monthly service fee, based on the plan chosen, plus tax and overage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. Use of in-box ink or toner cartridge is included in period of offer. One offer redeemable per printer. Included months offer with Instant Ink subject to change after 4.30.2022. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the offer for more details. Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online signup process. For service details, see <http://www.hpinstantink.com>.
- <sup>8</sup> 2yrs HP Warranty in total. Refer to the documentation in the printer box for further information on HP warranty.
- <sup>9</sup> HP works collaboratively with our partners including WWF and Arbor Day Foundation to manage, restore, and protect forests in many countries around the world. With HP+, every print - regardless of paper brand - is addressed through HP's Forest Positive Framework to counteract risks of deforestation. HP brand paper is sourced only from certified responsibly managed forests or from recycled content. For other brands of paper, HP invests in forest restoration, protection or management projects in key regions sufficient to balance any paper used by HP+ customers that may not have been responsibly sourced. To learn more visit [www.hp.com/forestfirst](http://www.hp.com/forestfirst).
- <sup>10</sup> Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.
- <sup>11</sup> Based on monthly subscription cost for U.S. and Canada for toner HP Instant Ink 1,500 page plan vs. transactional cost per page of in-class monochrome A4 laser printers and MFPs < \$450 USD that use original, standard-capacity integrated cartridges (toner and drum in one cartridge). Buyers Lab April 2020 study commissioned by HP, based on research of publicly available information as of 04/24/2020. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2019Q4 for U.S. and Canada. For details and latest report, see: <http://www.keypointintelligence.com/HPPrinterService>.
- <sup>12</sup> Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to [instantink.hpconnected.com/terms](http://instantink.hpconnected.com/terms).
- <sup>13</sup> Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. Program availability varies. For details, see [hp.com/recycle](http://hp.com/recycle).
- <sup>15</sup> Available only on the M234sdwe model.

## Technical specifications disclaimers

- <sup>1</sup> HP Auto-On/Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Certain features/software are available in English language only, and differ between desktop and mobile applications. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at [www.hptoner.com](http://www.hptoner.com). Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see: [www.hpsmart.com/mobile-fax](http://www.hpsmart.com/mobile-fax).
- <sup>3</sup> For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.
- <sup>4</sup> Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield>
- <sup>5</sup> Wi-Fi Direct® footnote: Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.
- <sup>6</sup> Measured using ISO/IEC 24734 Feature Performance Test, 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>7</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>8</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>9</sup> Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- <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 115V device.
- <sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

