

# HP LaserJet MFP M234e series



## Super productive. Super compact.

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+, the smart printing system that keeps you connected and ready to print from virtually anywhere.<sup>4</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.

### Never run out<sup>6</sup> and save up to 50%<sup>7</sup> with Instant Ink for laser printing

- Never run out of toner for your laser printer.<sup>6</sup> Convenient toner replacements and smart delivery included.
- Save up to 50% with Instant Ink.<sup>7</sup> Enroll to get toner, delivery and recycling starting at 1.99€ a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.<sup>8</sup>
- Help us put plastic back into printers with prepaid recycling service included.<sup>9</sup>

### HP+. HP's smart printing system.

- This cloud-connected HP+ printer is smarter - it keeps itself up to date and ready to print.<sup>4</sup>
- First 6 months of Instant Ink included<sup>11</sup>; after 6 months, monthly fee charged automatically unless cancelled.
- Print and scan from the palm of your hand. Enjoy advanced productivity features for 2 years with HP+.<sup>2</sup>
- For every page you print with HP+, HP protects or restores forests in equal measure.<sup>8</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>

## Product walkaround

### HP LaserJet MFP M234e series

1. 40 sheet auto document feeder (sdne, sdwe only)
2. HP Smart app
3. ID copy
4. USB, Ethernet, dual-band Wi-Fi with self reset
5. 100 sheet output tray
6. Automatic two-sided printing: 18 ipm A4
7. 150 sheet enclosed input tray
8. Enclosed input tray
9. Smart, contextual UI



## Series at a glance



Model	HP LaserJet MFP M234dwe Printer	HP LaserJet MFP M234dne Printer	HP LaserJet MFP M234dwe Printer
Product number	6GW99E	6GX00E	6GX01E
Functions	Print, copy, scan	Print, copy, scan, 40 page automatic document feeder	
Connectivity	Dual band Wi-Fi with self reset, Built-in fast Ethernet, Hi-speed USB	Built-in fast Ethernet, Hi-speed USB	Dual band Wi-Fi with self reset, Built-in fast Ethernet, Hi-speed USB
Print speeds	29 ppm A4		
Paper handling	150 sheet input tray, automatic two-sided printing	150 sheet input tray, automatic two-sided printing, 40 page automatic document feeder	

## Configurable Items, Accessories, Supplies and Support

Supplies	<b>W1350A</b> HP 135A Black Original LaserJet Toner Cartridge (~1,100 pages)
	<b>W1350X</b> HP 135X High Yield Black Original LaserJet Toner Cartridge (~2,400 pages)
Service and Support	<b>U13F9E</b> HP 3 year Standard Exchange (available in all EMEA countries except Middle East, Adriatic, Africa, Russia, South Africa, Israel, Slovenia, Turkey)
	<b>U13FCE</b> HP 3 year Next Business Day Exchange (available in Austria, Belgium, Czech Republic, Denmark, Finland, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Sweden, Switzerland, UK)
	<b>U16FYE</b> HP 3 year Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Romania, Russia, South Africa, Turkey)

## Technical specifications

Model	HP LaserJet MFP M234dwe Printer	HP LaserJet MFP M234sdne Printer	HP LaserJet MFP M234sdwe Printer
Product number	6GW99E	6GX00E	6GX01E
Functions	Print, copy, scan		
Control panel	Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 9 buttons (Power, Info, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
<b>Print</b>			
Print technology	Laser		
Print speed <sup>1</sup>	<b>Black (A4, normal)</b> Up to 29 ppm; <b>Black (A4, duplex)</b> Up to 18 ipm;		
First page out <sup>2</sup>	<b>Black (A4, ready)</b> : As fast as 7 sec;		
Print resolution	<b>Black (best)</b> : Up to 600 x 600 dpi;		
Monthly duty cycle	Up to 20,000 pages A4; <b>Recommended monthly page volume</b> : 200 to 2,000		
Printer smart software features	Automatic duplex printing, Instant-on Technology, HP Auto-On/Auto-Off, HP Smart App		
Standard print languages	PCLm5, URf, PWG		
Print area	<b>Print margins</b> Top: 6 mm, Bottom: 6 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 216 x 354 mm		
Duplex printing	Automatic (standard)		
<b>Copy</b>			
Copy speed	<b>Black (A4)</b> : Up to 29 cpm		
Copier specifications	Number of Copies; Lighter/Darker; Optimize; Paper size/type; <b>Maximum number of copies</b> : Up to 99 copies; <b>Reduce/Enlarge</b> : 25 to 200%;	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and two-sided on ADF bundles.; <b>Maximum number of copies</b> : Up to 99 copies; <b>Reduce/Enlarge</b> : 25 to 200%;	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and two-sided on ADF bundles.; <b>Maximum number of copies</b> : Up to 99 copies; <b>Reduce/Enlarge</b> : 25 to 200%;
<b>Scan</b>			
Scan speed <sup>5</sup>	<b>Normal (A4)</b> : Up to 19 ppm (black and white), up to 10 ppm (color);	<b>Normal (A4)</b> : Up to 19 ppm (black and white), up to 10 ppm (colour);	
Scan file format	JPEG, TIFF, PDF, BMP, PNG		

<b>Model</b>	HP LaserJet MFP M234dwe Printer		HP LaserJet MFP M234sde Printer	HP LaserJet MFP M234sdwe Printer
<b>Product number</b>	6GW99E		6GX00E	6GX01E
<b>Scanner specifications</b>	<b>Scanner type:</b> Flatbed; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> Front-panel copy, HP Smart app, HP Scan SW, app through scan driver; <b>Twain version:</b> Version 2.1; <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 600 dpi		<b>Scanner type:</b> Flatbed, ADF; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> Front-panel copy, HP Smart app, HP Scan SW, app through scan driver; <b>Twain version:</b> Version 2.1; <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 600 dpi	
<b>Scanner advanced features</b>	No			
<b>Recommended monthly scan volume</b>	150 to 1,500			
<b>Scannable area</b>	<b>Maximum media size (flatbed):</b> 216 x 297 mm; <b>Minimum media size (ADF):</b> 148 x 210 mm		<b>Maximum media size (flatbed):</b> 216 x 297 mm; <b>Minimum media size (ADF):</b> 148 x 210 mm <b>Maximum media size (ADF):</b> 216 x 356 mm	
<b>Bit depth/ Grey scale levels</b>	24-bit / 256			
<b>Fax</b>				
<b>Fax</b>	No,			
<b>Processor speed</b>	500 MHz			
<b>Connectivity</b>				
<b>Standard</b>	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		1 Hi-Speed USB 2.0; 1 Fast Ethernet 10/100Base-TX	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
<b>Optional</b>	No			
<b>Wireless</b>	1 built-in W-iFi 802.11b/g/n			1 built-in W-iFi 802.11b/g/n
<b>Mobile printing capability<sup>6</sup></b>	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing		Apple AirPrint™; HP Smart App; Mopria™ Certified	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing
<b>Supported network protocols</b>	TCP/IP; IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP			
<b>Network capabilities</b>	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n		1 Ethernet 10/100Base-TX	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n
<b>Hard disk</b>	No			
<b>Memory</b>	Standard: 64 MB; Maximum: 64 MB			
<b>Media handling</b>				
<b>Number of paper trays</b>	Standard: 1 ; Maximum: 1			
<b>Media types</b>	Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard			
<b>Media size</b>	<b>Custom (metric):</b> 101.6 x 152.4 to 216 x 356 mm ; <b>Supported (metric):</b> A4; A5; A6; B5 (JIS)		<b>Custom (metric):</b> 101.6 x 152.4 to 216 x 356 mm ; <b>Supported (metric):</b> A4; A5; A6; B5 (JIS) ; <b>ADF:</b> A4, A5, B4, B5, Letter, Legal	

Model	HP LaserJet MFP M234dwe Printer	HP LaserJet MFP M234sdne Printer	HP LaserJet MFP M234sdwe Printer
Product number	6GW99E	6GX00E	6GX01E
Media handling	<b>Standard input:</b> 150 sheet input tray <b>Standard output:</b> 100 sheet output tray	<b>Standard input:</b> 150 sheet input tray <b>Standard output:</b> 100 sheet output tray <b>ADF:</b> Standard, 40 sheets	
Media weight	60 to 163 g/m <sup>2</sup> ; <b>ADF:</b> 60 to 90 g/m <sup>2</sup>		
Input capacity	<b>Tray 1:</b> Sheets: 150; Envelopes: 10 <b>Maximum:</b> Up to 150 sheets	<b>Tray 1:</b> Sheets: 150; Envelopes: 10 <b>Maximum:</b> Up to 150 sheets <b>ADF:</b> Standard, 40 sheets	
Output capacity	<b>Standard:</b> Up to 100 sheets Envelopes: Up to 10 envelopes <b>Maximum:</b> Up to 100 sheets		
Compatible operating systems	Microsoft® Windows® 10: 32/64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer, Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB available hard disk space; Internet required. Linux: for more information, see <a href="https://developers.hp.com/hp-linux-imaging-and-printing">https://developers.hp.com/hp-linux-imaging-and-printing</a>		
Compatible network operating systems	Linux: for more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a>		
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 available hard disk space; Internet required		
Software included	No CD in box; Downloadable Software from <a href="http://www.hp.com">http://www.hp.com</a> or <a href="http://www.123.hp.com">http://www.123.hp.com</a>		
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		
<b>Dimensions and weight</b>			
Printer dimensions (W x D x H)	<b>Minimum</b> 368.0 x 298.6 x 241.9 mm; <b>Maximum:</b> 368.0 x 419.6 x 436.3 mm;	<b>Minimum</b> 418.0 x 308.0 x 294.4 mm; <b>Maximum:</b> 418.0 x 467.6 x 452.8 mm;	
Package dimensions (W x D x H)	497 x 298 x 388 mm		
Printer weight	7.6 kg	9.5 kg	
Package weight	9.6 kg	12.45 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); <b>Acoustic pressure emissions:</b> 51 dB(A)		
Power	<b>Requirements:</b> 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. <b>Power supply type:</b> Built-in 110V or 200V Power Supply;	<b>Requirements:</b> 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. <b>Consumption:</b> 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); <b>Typical Electricity Consumption (TEC)<sup>1</sup>:</b> 0.256 kWh/Week (Energy Star); <b>Power supply type:</b> Built-in 110V or 200V Power Supply;	
Energy savings feature technology	HP Auto-On/Auto-Off Technology		
Certifications	TUV and GS Mark (Germany), Ukraine, EAC, Eastern European approvals, CE Marking, Energy Star, UL <b>Electromagnetic emission standard:</b> 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 ENERGY STAR® certified <b>Telecom compliance:</b> 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; IEC 62311:2007 / EN62311:2008	TUV and GS Mark (Germany), Ukraine, EAC, Eastern European approvals, CE Marking, Energy Star, UL <b>Electromagnetic emission standard:</b> 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 <b>Telecom compliance:</b> 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; IEC 62311:2007 / EN62311:2008	TUV and GS Mark (Germany), Ukraine, EAC, Eastern European approvals, CE Marking, Energy Star, UL <b>Electromagnetic emission standard:</b> 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 ENERGY STAR® certified <b>Telecom compliance:</b> 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; IEC 62311:2007 / EN62311:2008
Sustainable impact specifications	Mercury free		
Country of origin	Made in Vietnam		
What's in the box <sup>8</sup>	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	HP LaserJet MFP M234sdne Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord	HP LaserJet MFP M234sdwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord
Warranty <sup>9</sup>	Two-year limited warranty		

## Footnotes

- <sup>1</sup> Compared to in-class monochrome laser printers and MFPs less than 220€ for single function or less than 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: <http://www.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 <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 <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> Utilising technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilising 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>5</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.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> Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.
- <sup>7</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€ 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>8</sup> Based on Buyers Lab October 2020 study commissioned by HP which compared monthly subscription cost for HP Instant Ink 1,500 page plan vs. average transactional cost per page of in-class monochrome A4 laser printers and MFPs < \$450 that use original, standard-capacity integrated toner cartridges (toner and drum in one cartridge). Based on research of publicly available information as of 09/30/2020. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1. For details and latest report, see: [www.keypointintelligence.com/HPPrinterServiceROW](http://www.keypointintelligence.com/HPPrinterServiceROW).
- <sup>9</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 <http://www.hp.com/recycle>.
- <sup>10</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 <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 other 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>.

## 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> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; May require a firmware upgrade.
- <sup>4</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. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at <http://www.hptonerservice.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: <http://www.hpsmart.com/mobile-fax>.
- <sup>5</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- <sup>6</sup> 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 <http://www.hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.
- <sup>7</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>8</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>9</sup> Warranty and support options vary by product, country, and local legal requirements.

