# HP Color LaserJet Pro M280-M281 Multifunction Printer series



Streamline productivity with simple scan solutions, high-quality color, and easy mobile printing.<sup>2</sup>

Make an impact with high-quality color and increased productivity. Get the fastest in-class two-sided printing speed and First Page Out Time (FPOT). Scan, copy, and fax. Count on simple security solutions, and get easy mobile printing.



HP Color LaserJet Pro MFP M280nw



HP Color LaserJet Pro MFP M281fdn



HP Color LaserJet Pro MFP M281fdw

#### Increase productivity with a color MFP

- Get the fastest in-class two-sided printing speed and First Page Out Time (FPOT). 1,2
- Get automatic two-sided printing, and breeze through tasks with a 50-page automatic document feeder.
- Scan digital files directly to email, network folders, and more. Print documents directly from a USB drive.
- HP Voice-activated printing—your HP printer works with Amazon Alexa, Google Assistant, Microsoft Cortana.<sup>9</sup>

#### More. Pages, Performance, and Protection.

- Count on high-quality color and more pages with Original HP Toner cartridges with JetIntelligence.<sup>6</sup>
- Spend less time replacing toner, with optional high-yield cartridges.
- This printer helps detect, stop, and give notifications of security breaches.
- This printer includes write-protected memory that helps prevent malware intrusion.

#### Easy mobile printing and scanning – HP Smart app

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>7</sup>
- Have confidence in your connection with steady performance from dual band Wi-Fi®.4
- Connect your smartphone or tablet directly to your printer and easily print without accessing a network.<sup>7</sup>
- Simply tap the print button on your smartphone or tablet to print.<sup>3</sup>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at http://www.hp.com/go/learnaboutsupplies

#### **Product walkaround**

- 1. 6.85 cm (2.7-inch) colour touchscreen with customisable workflows
- 2. Front-facing USB printing port
- 3. 100-sheet output bin
- 4. Fastest in-class automatic two-sided printing <sup>1</sup>
- 5. Single-sheet priority input tray 1
- 6. 250-sheet input tray 2
- 7. 50-sheet ADF handles up to 21.6 x 35.6 cm (8.5 x 14-inch) paper
- 8. Flatbed scanner handles up to 21.6 x 29.7 cm (8.5 x 11.7-inch) paper
- 9. Front door (access to toner cartridges)
- 10. Wi-Fi Direct®2
- 11. Easy mobile printing with the HP Smart App<sup>3</sup>
- 12. Power connection
- 13. USB 2.0 port
- 14. Ethernet port
- 15. Dual Band wireless networking4
- 16. Fax ports



HP Colour LaserJet Pro MFP M281fdw shown

### Series at a glance







Model	HP Colour LaserJet Pro MFP M280nw	HP Colour LaserJet Pro MFP M281fdn	HP Colour LaserJet Pro MFP M281fdw
Product number	T6B80A	T6B81A	T6B82A
MFP capabilities	Wireless, Print, copy, and scan	Wireless, Print, copy, scan, and fax	Wireless, Print, copy, scan, and fax
Print speed (A4) Black/color <sup>5</sup>	Up to 21/21 ppm	Up to 21/21 ppm	Up to 21/21 ppm
Control panel	6.85 cm (2.7-inch) colour touchscreen	6.85 cm (2.7-inch) colour touchscreen	6.85 cm (2.7-inch) colour touchscreen
250-sheet input tray 2, single-sheet priority tray 1, 100-sheet output bin	Yes	Yes	Yes
Automatic document feeder (ADF) capacity	50 sheets	50 sheets	50 sheets
Two-sided printing speed, A4 (Black/colour) <sup>1</sup>	No	Automatic, 12/12ppm	Automatic, 12/12 ppm
Wi-Fi Direct mobile printing <sup>2</sup>	Yes	Yes	Yes
Dual Band Wi-Fi <sup>4</sup>	Yes	Yes	Yes
Front-facing USB port	Yes	Yes	Yes
Cartridge yield, black/colour (in pages) <sup>6</sup>	In-box: ~1,400/700 A: ~1,400/1,300 X: ~3,200/2,500	In-box: ~1,400/700 A: ~1,400/1,300 X: ~3,200/2,500	In-box: ~1,400/700 A: ~1,400/1,300 X: ~3,200/2,500

<sup>&</sup>lt;sup>1</sup> Fastest-in-class first page out time (FPOT) claim and fastest-in-class duplex print speed claim applies only to the HP Colour LaserJet Pro M254 series and MFP M280/M281 series. FPOT comparison based on manufacturers' published specifications for FPOT as of March 6, 2017. Includes colour laser MFPs <\$450 USD and printers <\$300 USD based on market share as reported by IDC as of Q4 2016. Duplex print speed compared with the majority of colour laser printers <\$300 USD and colour laser AiOs <\$450 USD and print speed 0-30 ppm, based on market share of IDC CYQ1 2017 Hardcopy Peripherals Tracker. Automatic duplex printing speed based on manufacturers' published specifications asof June 12, 2017. For more information, see hp.com/go/ printerspeeds. <sup>2</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 hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. The HP Colour LaserJet Pro MFP M281fdn model does not offer Wi-Fi Direct. <sup>3</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 hp.com/go/mobileprinting. <sup>4</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi® is a registered trademark of Wi-Fi Alliance®. The HP Colour LaserJet Pro MFP M281fdn model does not offer Dual Band wireless networking. <sup>5</sup> Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>6</sup> Replacement 203A cartridge average composite (C/Y/M) declared yield ~1,300 and average black yield ~3,200 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images p

## **HP Colour LaserJet Pro M280-M281 Multifunction Printer series**

Functions	Wireless, Print, Copy, Scan	Wireless, Print, Copy, Scan, Fax			
Print					
	Yes				
	Black (normal, A4): Up to 21 ppm; Colour (normal, A4): Up to 21 ppm				
r ii st page out	Black (A4, ready): As fast as 10.7 sec; Black (A4, sleep): As fast as12.3 sec Colour (A4, ready): As fast as 12 sec; Colour (A4, sleep): As fast as12.5 sec	Black (A4, ready): As fast as 10.6 sec; Black (A4, sleep): As fast as 12.4 sec Colour (A4, ready): As fast as 12 sec; Colour (A4, sleep): As fast as 12 sec; Colour (A4, sleep): As fast as 12.6 sec	Black (A4, ready): As fast as 10.6 sec; Black (A4, sleep): As fast as 12.2 sec Colour (A4, ready): As fast as 12.3 sec; Colour (A4, sleep): As fast as 12.6 sec		
	Laser	12.0 Sec	12.0 Sec		
	Up to 600 x 600 dpi				
	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile Apps	HP ePrint; Apple AirPrint™; Mopria™–certified; Mobile Apps	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing Mobile Apps		
Wireless capability	Built-in 802.11 b/g/n; authentication via WEP, WPA/WPA2, or 802.11x; encryption via AES or TKIP; WPS; Wi-Fi Direct	No	Built-in 802.11 b/g/n; authentication via WEP, WPA/WPA2, or 802.11x encryption via AES or TKIP; WPS; Wi-Fi Direct		
	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF				
	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAd	vantage Security Manager			
Scan Technology	Contact Image Sensor (CIS)				
	Flatbed, ADF				
Speed (Normal, A4) <sup>9</sup>	Up to 26 ppm				
Resolution (Enhanced/Hardware)	Up to 300 $\times$ 300 dpi (ADF); up to 1200 $\times$ 1200 dpi (Flatbed); Up to 300 $\times$	300 dpi (colour and mono ADF); up to 1200 x 1200 dpi (Flatbed)			
Digital sending standard features	Scan to email; scan to folder; scan to USB drive				
Colour scanning	Ves ·				
Size ( ibi ) i dicocu)	215.9 x 355.6 mm/215.9 x 297 mm	duran and in the size Third No. 1410			
	Front-panel scan, copy, e-mail, fax, or file buttons; HP Scan software; and user application via TWAIN or WIA				
I Re Torride	JPEG, RAW (BMP), PNG, TIFF, PDF  256				
	24-bits (colour); 8-bits (mono)				
Сору					
-,,	Black: Up to 21 ppm; Colour: Up to 21 ppm	L. N. coo. coo. L.			
	<b>Black (text and graphics):</b> Up to 600 × 600 dpi <b>Colour (text and graph</b> Up to 99 copies	11CS): 600 x 600 dpi			
- напине и перии	25 to 400%				
Fax					
	No	33.6 kbps (maximum), 14.4 kbps (default)			
	No No	Up to 1300 pages Up to 300 x 300 dpi			
	No	Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed	I sending: Yes; Distinctive ring detection supported: Yes; Fax		
		forwarding supported: Yes; Junk barrier supported: Yes, CSID match 120 numbers; PC interface supported: Yes; Fax polling supported: Ye	ing only. Caller ID not supported; <b>Maximum speed dialing numbers:</b> Up es (receive only)		
Connectivity					
,	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, 802.11n 2.4/5GHz wireless, Front Host USB	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, Fax port, Front Host USB	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, 802.11n 2.4/5GHz wireless, Fax port, Front Host USB		
	Standard built-in Ethernet 802.11 b/g/n wifi operates as both an AP (with Wi-Fi Direct) and STA	Standard built-in Ethernet	Standard built-in Ethernet 802.11 b/g/n wifi operates as both an AP (with Wi-Fi Direct) and STA		
	Yes, via built-in 10/100/1000 Base-TX Ethernet; Auto-crossover Etherne	t; Authentication via 802.11x			
	256 MB DDR, 256 MB Flash 800 MHz				
Media	000 PH 12				
	Up to 40,000 pages				
	150 to 2500				
Automatic Document Feeder	Up to 50 pages				
Duplex print options	No	Automatic (standard)			
Туре	250-sheet input tray; 1-sheet priority tray;100-sheet output bin Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock				
Treata Weight	and 220 g/m² HP Glossy is allowed in the driver.	m <sup>2</sup> Postcards and 200 g/m <sup>2</sup> HP Matte is allowed in the driver; 60 to 163 g	/m² (Coated/Glossy, recommended), however up to 175 g/m² Postcards		
Ticala Sizes castom	76 x 127 to 216 x 356 mm 420 x 388.6 x 334.1 mm	420 x 421.7 x 334.1 mm			
	18.0 kg	18.7 kg			
Systems	-				
	drive or Internet connection, USB port, Internet Explorer 8. Windows® XP or Internet connection, USB port, Internet Explorer 8. Windows Server su Yosemite (v10.10); 1.5 GB HD; Internet required; USB. Linux (For more in	CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer, Wi 5F3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz pport is provided wia the command line installer and supports Win Server formation, see http://hplipopensource.com/hplip-web/index.html). Unix (	compatible processor, 850 MB available hard disk space, CD-ROM/DVD dr 2008 R2 and higher. Apple® OS X El Sierra(v10.12), Capitan (v10.11), For more information, see http://www.hp.com/go/unixmodelscripts)		
	PC: Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® VF SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.  Mac: Apple® OS X Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB				
	Embedded Web Server: password-protection, secure browsing via SSL/T Basic Access Authentication; Firewall and ACL; SNMPv3	LS; Network: enable/disable network ports and features, SNMPv1 commu	unity password change; HP ePrint: HTTPS with certificate validation, HTT		
Control panel	2.7" colour graphic touch screen with 3 button at left side (Home, Help,				
	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 220-volt input voltage; 220 to 240 VAC (4/- 10%), 50 Hz (+/- 3 Hz), 200-volt input voltage; 220 to 240 VAC (4/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)/Not dual voltage, product varies by part number with # Option code identifier); Power consumption <sup>2</sup> : 342 watts (active printing), 8.0 watts (ready), 1.2 watts(sleep), 0.1 watt (Manual-Off), 0.1 (Auto-off/Manual-on), 0.1 watt(Auto-Off/Wake on LAN); Typical Electricity Consumption number: 5 ES: 0.759 KWh/Week; Sa: 0.696 kWh/Week	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz) 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (-/- 14.), 60 Hz (+/- 3 Hz) Not dual voltage, product varies by part number with # Option code identified; Power consumption* 3-24 watts (active printing), 80 watts (ready), 10 watt			
	For Windows OS: HP Software Installer, HP Software Uninstaller, HP PCLE Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, Online user manuals, HP Scan Driver, HP Scan Application. For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)	Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, Online user manuals, HP Scan Driver, HP Scan Application. For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)			
	Accoustic Power Emissions: 6.4 B(A) (Mono), Simplex; 6.3 B(A) (Colour), Simplex; 6.3 B(A) (Mono), Duplex; 6.3 B(A) (Colour), Duplex; Acoustic Power Emissions (ready): 2.6 B(A); Acoustic Pressure Emissions Bystander (active, printing): 50 dB(A) (Mono), Simplex; 50 dB(A) (Colour), Simplex; 50 dB(A) (Mono), Duplex; Acoustic Pressure Emissions Bystander (ready): 16 dB(A)				
Environmental ranges	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 17 to 25°C; Non-operating Humidity Range: 0 to 95% RH; Operating Humidity Range: 10 to 80% RH; Recommended				
	Operating Humidity Range: 30 to 70% RH; Storage temperature: -20 TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue s	to 40°C - upport only), Web Services Printing; Discovery: SLP, Bonjour, Web Services	; Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6		
	HP Color LaserJet Pro MFP M280nw(T6880A); Introductory HP LaserJet Color cartridges (~700 color composite (C/Y/M) yield and ~1400 page	HP Color LaserJet Pro MFP M281fdn(T6B81A); Introductory HP LaserJet Color cartridges (~700 color composite (C/Y/M) yield and	HP Color LaserJet Pro MFP M281fdw(T6B82A); Introductory HP Laser Color cartridges (~700 color composite (C/Y/M) yield and ~1400 page		

#### **HP Services**

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

## Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

#### Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

## Basic Care (minimum recommended support):

Next Business Day Onsite Support

#### 4 hr Onsite Support:

Onsite support within four hours after a service call received within the coverage window

#### **Next Business Day Onsite Support:**

Onsite service the next business day after the service call is received

#### **Maintenance Kit Replacement Service:**

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

## Installation with Network Configuration Service:

Assembly, network configuration, and basic administrator familiarization For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices















#### **Top Features**

Achieve the fastest in-class two-sided printing speed and First Page Out Time (FPOT).<sup>12</sup> Boost colour productivity with a touchscreen display and easy scan and security features.

Get more pages and help protect your MFP, using Original HP Toner cartridges with JetIntelligence.

Print and scan from your smartphone, and easily order toner, with the HP Smart app.7 Get a stable, reliable wireless connection with dual band Wi-Fi®.4

Product

T6B80A HP Colour LaserJet Pro MFP M280nw
T6B81A HP Colour LaserJet Pro MFP M281fdn
T6B82A HP Colour LaserJet Pro MFP M281fdw

**Supplies** 

**CF500A** HP 202A Black Original LaserJet Toner Cartridge (1,400 pages)

**CF500X** HP 202X High Yield Black Original LaserJet Toner Cartridge (3,200 pages)

**CF501A** HP 202A Cyan Original LaserJet Toner Cartridge (1,300 pages)

**CF501X** HP 202X High Yield Cyan Original LaserJet Toner Cartridge (2,500 pages)

CF502A HP 202A Yellow Original LaserJet Toner Cartridge (1,300 pages)
 CF502X High Yield Yellow Original LaserJet Toner Cartridge (2,500 pages)

CF503A HP 202A Magenta Original LaserJet Toner Cartridge (1,300 pages)

**CF503X** HP 202A Magenta Original LaserJet Toner Cartridge (2,500 pages)

#### **HP Care Packs**

UH757E HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers
 UH773E HP 3 year Care Pack w/Onsite Exchange for LaserJet Printers
 UH764E HP 3 year Care Pack w/Return to Depot Support for LaserJet Printers
 UH764E HP Installation with Networking Service for Consumer Printer

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

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#### **HP Order-a-Cartridge**

Call HP's Order-a-Cartridge<sup>3</sup> service and have them conveniently delivered to your doorstep.

China 800 820 0851/400 820 0851

India 1800 3003 3003 Korea 080 703 0700

#### HP SureSupply<sup>3</sup>

Discover how HP SureSupply rede ines convenience in purchasing printer cartridge supplies online. To order online, please visit <a href="https://pex.pubm.nc.ni/">https://pex.pubm.nc.ni/</a>.

<sup>1</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://www.hp.com/go/mobileprinting

<sup>&</sup>lt;sup>2</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®. The HP Colour LaserJet Pro MFP M180n model does not offer Dual Band wireless networking.

<sup>&</sup>lt;sup>3</sup> Available in selected countries only.

#### **Footnotes**

- <sup>1</sup> Compared with the majority of color laser AiOs < \$450 USD and Print Speed 0-30ppm, based on market share of IDC CYQ3 2018 Hardcopy Peripherals Tracker. Automatic Duplex Printing Speed based on manufacturers' published specifications as of November 9, 2018. See hp.com/go/printerspeeds.
- <sup>2</sup> Comparison based on manufacturers' published specifications for First Page Out Time FPOT as of March 6, 2017. Includes color laser MFPs < \$450 USD and printers < \$300 USD based on market share as reported by IDC as of Q4 2016. See http://www.hp.com/qo/printerspeeds
- <sup>3</sup> For details on local printing requirements see http://www.hp.com/go/mobile printing
- <sup>4</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®.
- <sup>6</sup> Based on cartridge yields for HP 201X compared with HP 202X Original HP LaserJet Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies
- <sup>7</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://www.hp.com/go/mobileprinting
- <sup>8</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- 9 Requires Amazon Alexa, Google Assistant, or Microsoft Cortana and an HP web-connected printer registered with Google Cloud Print or ePrint. For ePrint account registration, see www.hp.com/go/support/eprint.

#### Technical specifications disclaimers

- 1 Ship with A black cartridge, introductory cartridges included for C/Y/M ~1400 page yield black and ~700 page yield color composite (C/Y/M).
- <sup>2</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 115V device.
- <sup>3</sup> Declared yield value in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies
- <sup>4</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
- <sup>5</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>6</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>7</sup> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type
- B 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.
- 9 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

#### To learn more, visit http://www.hp.com

