

GIVE YOUR BUSINESS A COMPETITIVE EDGE

HP MFP, Printer, and Scanner Portfolio

Companies are increasingly focused on enabling a collaborative work environment. You want engaged employees who can easily share information and ideas to improve productivity and effectiveness—in the office and on the go.

HP delivers innovation all the way up the line, from low-end printers to production-class devices. We offer a broad portfolio of hardware, software, solutions, and services to organizations of all sizes and needs. Our smart products and predictive services enable you to focus on your business—not on your print environment.

SECURITY

HP leads in print security¹

HP business printers, from Pro through Enterprise, can automatically detect and stop an attack (and notify your system of potential trouble) during all phases of operation:

- During startup, HP Sure Start validates the integrity of the boot code (for Pro devices) or BIOS (for Enterprise devices) helping to safeguard your device from attack
- When loading firmware, whitelisting helps ensure that only authentic, good code—digitally signed by HP—is loaded
- During run-time operations, run-time intrusion detection monitors and helps prevent unexpected changes to memory
- When connecting to the network, HP Connection Inspector inspects outgoing network connections to stop malware from "calling home" to malicious servers (Enterprise only)



Self-healing HP Enterprise printers can automatically repair themselves from attack in real-time.

• HP JetAdvantage Security Manager automatically assesses and remediates device security settings² (click to view <u>video</u>)



Protect the device

Self-healing security features automatically detect and block attacks

Built-in encryption helps protect sensitive business information

Upgradeable firmware helps protect the investment



Protect the data

End-to-end encryption helps protect sensitive data at every step along a document's journey

Print Security Health Check verifies the destination print device is safe before sending sensitive documents

Document Digital Rights Management (DRM) controls how identity-bound data is viewable to licensed users



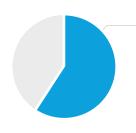
Protect the document

HP pull print solutions help you reduce unclaimed print jobs, protect confidential documents, and improve efficiency

Data Loss Prevention interrupts the print stream when company policies aren't being followed



Nearly **5 billion** records exposed in 2018³



59% of organizations reported a print-related data loss incident in the past year⁴

FOCUS ON RESULTS

Help reduce costs, increase work efficiency, and accelerate business results with a portfolio of HP and partner solutions.



Management and security

Easily manage and optimize multi-vendor print environments and improve print application management.

HP Web Jetadmin allows you to remotely install, configure, troubleshoot, safeguard, and manage a wide variety of networked and PC-connected devices.⁵

HP JetAdvantage Security Manager

offers an effective, policy-based approach to help secure HP printing and imaging devices. Easily set security configuration policies and automatically validate settings for every HP printer and MFP in your fleet—saving you valuable IT time and resources.

HP JetAdvantage Secure Print⁶ and HP Access Control (HPAC) help secure documents by requiring authentication to release print jobs. In addition, extend capabilities and easily customize with HPAC—integrate job accounting, manage rights, and establish quotas for things such as color use.⁷ Save IT time and make printing easy for the entire enterprise by using a single driver for all HP devices.⁸



Mobility

Simple and secure mobile authentication and print.

HP offers customers right-sized solutions for their business.

HP Roam for Business offers secure, cloud-based printing from virtually any location and device. Automatically discover nearby HP Roam-enabled printers in the office or home office.

HP PrinterOn Enterprise helps connect virtually any desktop or mobile device to printers from multiple vendors both on and off the trusted network. The solution can be deployed on-premise or in a private cloud, to meet the needs of your business. This secure enterprise cloud printing solution helps you print simply anywhere.



Workflow

Align paper-based processes to your overall digital strategy.

HP Workpath apps help you streamline digitization workflows—right from your MFP. The Workpath library of apps offers hyper-localized, use-specific modules without the costly and complex traditional development process. User experiences are closer to mobile app experiences, and apps can be customized for your needs.⁹

HP Capture and Route controls and tracks scanned content once it has been digitized and distributes it to its printing location.

HP Digital Sending Software allows users to route documents to a variety of destinations like email recipients, network folders, fax, FTP, a USB device, or Microsoft® SharePoint®.¹¹ And HP Quick Sets automate the steps of a complicated workflow and provide easy access to the configurations you use most.

HP JetAdvantage Partner solutions offer simple capture programs to sophisticated workflow automation. Current partners providing workflow solutions are Ephesoft Transact, Genius Bytes GeniusMFP, Kofax AutoStore, and YSoft SafeQ.

EXTENSIBILITY

Forward-thinking adaptability

Technology, capabilities, and user expectations never stop evolving—and HP FutureSmart Firmware and the HP Open Extensibility Platform (OXP) let your printers evolve as well.

FutureSmart firmware extends the life of the printer, offering consistency across the fleet through an intuitive interface that makes fleet-wide updates easier and allows your existing HP devices to be equipped with the same features as next-generation devices.¹¹

HP OXP creates a unified environment that makes it easy for third-party software companies to design solutions that integrate seamlessly with enabled imaging and printing devices.



WHY HP?

After 50+ years of innovations in technology, HP continues to lead the industry







From low-end printers -

- to -

production-class web presses

— and —

3D printing solutions

From the legendary reliability of LaserJets to PageWide Technology with its fixed printhead and delivery system to 3D print applications—HP offers a wide variety of devices and solutions that can meet your current printing needs and scale as you grow.



HP LaserJet and PageWide ProProfessional-quality prints; essential security, management, and solution support



HP LaserJet Enterprise and FlowPrint-shop-quality color and crisp, black text; world's most secure printing;¹ advanced fleet monitoring, management, and reporting



HP PageWide Enterprise and FlowGame-changing low color costs; world's most secure printing; fastest speeds in class; lower energy use than laser competitors save than laser competitors.



HP ScanJetEffortlessly transform paper to digital; robust business scanning



HP JetAdvantage solutionsPower crucial business processes to help

Power crucial business processes to help reduce IT workload, enhance employee productivity, and strengthen security



Most Reliable Business Printer & MFP Brand¹⁴

PAGEWIDE BENEFITS

HP PageWide MFPs and printers were built with advanced, modern engineering that produces beautiful color prints at an affordable price. HP PageWide Technology delivers:



Low color cost per page

Get the results you expect from HP PageWide Technology that delivers a low color cost per page. Print more pages and replace cartridges less often, using optional Original HP High-Yield cartridges.¹⁵



Best-in-class speeds

HP PageWide Technology delivers best-in-class print speeds—as fast as 75 pages per minute (ppm)—for both color and black-and-white.¹²



Fewer parts, less maintenance

Minimize interruptions with an HP PageWide device designed with the fewest parts in its class for the least maintenance.¹⁶



Made with the environment in mind

Help keep energy costs down with a device designed to use less energy than laser competitors.¹³ Easily recycle your Original HP cartridges at no charge through HP Planet Partners.¹⁷

For more information on the latest HP A3 PageWide printers and MFPs, watch the video here.

WORKFLOW

HP PageWide and LaserJet Flow MFPs offer advanced workflow capabilities to help you capture the right content, organize, and distribute it quickly, easily, and accurately.



Large touchscreen control panel

Advanced imaging and processing options, including send to Microsoft SharePoint and built-in optical character recognition (OCR)¹⁸



Embedded HP EveryPage technology

Scan every page and detect potential errors or missed pages on the spot—even when the weight, size, or condition of pages vary



Auto-orientation, auto-page crop, and auto-tone

Advanced document management features simplify production and perfect the contrast, brightness, and background removal of each page



Large pull-out keyboard for simplified data entry

Make scanned documents easier to organize and find by adding information to files and context to your email



Fast two-sided, single-pass scanning

Scan faster and more reliably with speeds up to 180 ipm¹⁹ and an extended-life ADF that supports higher recommended monthly scan volumes²⁰



HP Quick Sets

Find the right document workflow every time and run it correctly at the touch of a button. HP Quick Sets automates all the steps of a complicated workflow, on a full-color touchscreen that's easy to use

HP PAGEWIDE PORTFOLIO

HP PageWide MFPs and Printers were built with advanced, modern engineering that produces beautiful color prints at an affordable price.

HP A3 PageWide MFPs and Printers











			2 0 1 8	
	PageWide Enterprise Color 765	PageWide Enterprise Color MFP 780	PageWide Enterprise Color MFP 785 ²⁵	
Product number	765dn: J7Z04A	MFP 780dn: J7Z09A MFP 780dns: J7Z10A	Flow MFP 785f: J7Z11A Flow MFP 785zs: J7Z12A Flow MFP 785z+: Z5G75A	
Control panel	4.3-inch (10.9 cm) color touchscreen	9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display		
Print speed ²¹	Up to 55/75 ppm, Professional/GO mode (black and color)	Up to 45/65 ppm, Professional/GO mode (black and color)	Up to 55/75 ppm, Professional/GO mode (black and color)	
First page out (from ready, letter) ²²	As fast as 6.7 seconds (black and color)	As fast as 7.0 seconds (black and color)	As fast as 7.1 seconds (black and color)	
Scan speeds, letter ¹⁹	Scan features not available	Up to 90 ppm/180 ipm, simplex/duplex, black and color	Up to 120 ppm/180 ipm, simplex/duplex, black and color	
Additional features	Hardware Integration Pocket (all models)			
Flow features	Not available	Not available	Pull-out keyboard, HP EveryPage, embedded OCR, auto-orientation	
Input (standard/maximum ²³)	Up to 650/4,650 sheets	Up to 650/4,650 sheets	785f/z+: Up to 650/4,650 sheets 785zs: Up to 2,300/4,650 sheets	
RMPV ²⁴	2,500 to 25,000 pages	2,500 to 20,000 pages	2,500 to 25,000 pages	

HP A4 PageWide MFPs and Printers





	PageWide Managed P55250	PageWide Managed MFP P57750
Product number	P55250dw: J6U55	P57750dw: J9V82
Control panel	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen
Print speed, letter ²¹	Up to 50/75 ppm, Professional/General Office (GO) mode (black and color)	Up to 50/70 ppm, Professional/GO mode (black and color)
First page out (from ready, letter) ²²	As fast as 6 seconds (black and color)	As fast as 6 seconds (black and color)
Scan speeds, letter ¹⁹	Not applicable	Simplex: Up to 25 ppm (black and color)
		Duplex: Up to 26 ipm (black and color)
Input (standard/maximum ²³)	Up to 550/1,550 sheets	Up to 550/1,550 sheets
RMPV ²⁴	1,000 to 7,500 pages	1,000 to 7,500 pages





	;	
	PageWide Managed E55650	PageWide Managed MFP E58650
Product number	E55650dn: L3U44A	E58650dn: L3U42A Flow E58650z: L3U43A
Control panel	4.3-inch (10.9 cm) color touchscreen	9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display
Print speed, letter ²¹	Up to 50/75 ppm, Professional/GO mode (black and color)	Up to 50/75 ppm, Professional/GO mode (black and color)
First page out (from ready, letter) ²²	As fast as 7.1/7.3 seconds (black/color)	As fast as 7.1/7.3 seconds (black/color)
Scan speeds, letter ¹⁹	Not applicable	Simplex: dn model: Up to 46/42 ppm, black/color z model: Up to 47 ipm, black and color Duplex: dn model: Up to 46/42 ipm, black/color z model: Up to 74 ipm, black and color
Additional features	Hardware Integration Pocket	Hardware Integration Pocket, HP High-Performance Secure Hard Disk
Flow features	Not available	Pull-out keyboard, HP EveryPage, embedded OCR, send to Microsoft SharePoint (z model only)
Input (standard/maximum ²³)	Up to 550/2,050 sheets	Up to 550/2,050 sheets
RMPV ²⁴	2,000 to 15,000 pages	2,000 to 15,000 pages

Optional input and finishing accessories - HP A3/A4 PageWide MFPs and Printers

Devices	Compatible accessories
PageWide Color 755, MFP 774, MFP 779, PageWide Enterprise Color 765, MFP 780, MFP 785	Input: 550-sheet Paper Tray (A7W99A), 550-sheet Paper Tray and Stand (W1B50A), 3x550-sheet Paper Tray and Stand (W1B51A), 4,000-sheet High-capacity input (HCI) Paper Tray and Stand (W1B52A)
	Output: 350-sheet inner finisher with stapler (774dns, 779dns, 780dns, and Flow 785zs only); 3,250-sheet external finisher with stapler (Z4L04A) (Flow 785z+ only); 2/4 hole punch (Y1G11A); Swedish hole punch (Y1G12A); Staple refill cartridge (Y1G14A)
PageWide Managed P55250 printer,	Input: 500-sheet Paper Tray (D3Q23A), 2x500-sheet Paper Tray and Stand (P0V04A)
P57750 MFP	Output: Not applicable
PageWide Managed E58650 MFP	Input: 500-sheet Paper Tray (G1W43), Cabinet and Stand (G1W44A), 3x500-sheet Paper Tray and Stand (G1W45A)
	Output: Not applicable

HP LASERJET PORTFOLIO

HP LaserJet MFPs and Printers were developed specifically to address essential business printing needs—today and tomorrow. They combine extraordinary design and user experience, exceptional print quality and reliability, security that's unmatched in the industry, and extensibility features that allow them to adapt to and benefit from new technologies and new capabilities.

HP Color LaserJet A3 MFPs and Printers



HP Monochrome LaserJet A3 MFPs





	LaserJet Managed MFP M725	LaserJet Managed MFP M830
Product number	M725dn: CF066A M725f: CF067A M725z: DF068A	Flow M830z: CF367A
Control panel	8.0-inch (20.3 cm) color touchscreen	8.0-inch (20.3 cm) color touchscreen
Print speed, letter ²⁸	Up to 40 ppm	Up to 56 ppm
First page out (from ready, letter) ²²	n ready, letter) ²² As fast as 10 seconds As fast as 9.5 seconds	
Scan speeds, letter ¹⁹	Simplex: Up to 50/30 ppm (black/color)	Simplex: Up to 70/68 ppm (black/color)
	Duplex: Up to 19/14 ipm (black/color)	Duplex: Up to 85/63 ipm (black/color)
Flow features	Not available	Pull-out keyboard, HP EveryPage, embedded OCR
Input (standard/maximum ²¹)	Up to 600/2,100 sheets	Up to 4,600 sheets
RMPV ²⁴	5,000 to 20,000 pages	15,000 to 50,000 pages



HP Color LaserJet A4 MFPs and Printers

	0	0			-	
	Color LaserJet Managed E55040	Color LaserJet Managed MFP E57540	Color LaserJet Managed E65150	Color LaserJet Managed E65160	Color LaserJet Managed MFP E67650	Color LaserJet Managed MFP E67660
Product number	E55040dn: 3GX99A E55040dw: 3GX98A	E57540dn: 3GY25A Flow E57540c: 3GY26A	E65150dn: 3GY03A	E65160dn: 3GY04A	E67650dh: 3GY31A	Flow E67660z: 3GY32A
Control panel	4.3-inch (10.9 cm) color touchscreen	9.0-inch (22.8 cm) functional touchscreen with 8.0- inch (20.3 cm) Color Graphics Display	4.3-inch (10.9 cm) icon-based color touchscreen	4.3-inch (10.9 cm) icon-based color touchscreen	9.0-inch (22.8 cm) functional touchscreen with 8.0- inch (20.3 cm) Color Graphics Display	9.0-inch (22.8 cm) functional touchscreen with 8.0- inch (20.3 cm) Color Graphics Display
Print speed, letter ²⁸	Up to 40 ppm	Up to 40 ppm	Up to 50 ppm	Up to 60 ppm	Up to 50 ppm	Up to 60 ppm
First page out (from ready, letter) ²²	As fast as 6.0/7.0 seconds (black/color)	Black/color: E57540dn: as fast as 5.5/6.8 seconds	As fast as 6.4 seconds	As fast as 5.7 seconds	As fast as 6.4 seconds	As fast as 5.7 seconds
		E57540c: as fast as 5.7/6.8 seconds				
Scan speeds, letter ¹⁹	Not applicable	E57540dn: Up to 45/40 ppm, black/ color, simplex and duplex	Not applicable	Not applicable	Up to 75 ppm/120 ipm, simplex/duplex, black and color	Up to 90 ppm/180 ipm, simplex/duplex, black and color
		E57540c: Up to 48 ppm, black and color, simplex; 68/60 ipm, black/color, duplex				
Flow features	Not available	Pull-out keyboard, HP EveryPage, embedded OCR, advanced imaging	Not available	Not available	Not available	Pull-out keyboard, HP EveryPage, embedded OCR, advanced imaging
Input (standard/ maximum ²³)	Up to 650/2,300 sheets	Up to 650/2,300 sheets	Up to 650/3,200 sheets	Up to 650/3,200 sheets	Up to 650/3,200 sheets	Up to 650/3,200 sheets
RMPV ²⁴	2,000 to 15,000 pages	2,000 to 15,000 pages	3,000 to 24,000 pages	4,000 to 30,000 pages	3,000 to 24,000 pages	4,000 to 30,000 pages

HP Monochrome LaserJet A4 MFPs and Printers

	53.0	-1				1	
	()			(b)		()	
	1			1		1	
	LaserJet Managed E50145	LaserJet M	lanaged MFP E52645	LaserJet Managed E60155		LaserJet Managed E60165	
Product number	E50145dn: 1PU51A	E52645dn Flow E526	: 1PS54A 45c: 1PS55A	E60155dn: 3GY09A		E60165dn: 3GY10A	
Control panel	4.3-inch (10.9 cm) color touchscreen	touchscree	22.8 cm) functional en with 8.0-inch Color Graphics Display	4.3-inch (10.9 cm) color touchscreen		4.3-inch (10.9 cm) color touchscreen	
Print speed, letter ²⁸	Up to 45 ppm	Up to 45 p	pm	Up to 55 ppm		Up to 65 ppm	
First page out (from ready, letter) ²²	As fast as 5.9 seconds	As fast as	6.0 seconds	As fast as 5.0 second	ds	As fast as 5.0 seconds	
Scan speeds, letter ¹⁹	Not applicable	E52645dn: Up to 45/40 ppm, black/color simplex E52645c: Up to 48, black and colo simplex		Not applicable		Not applicable	
		color, dupl	Up to 68/60 ipm, black/				
Flow features	Not available		eyboard, HP EveryPage, I OCR, advanced imaging	Not available		Not available	
Input (standard/ maximum ²³)	Up to 650/2,300 sheets	Up to 650,	/2,300 sheets	Up to 650/4,400 sheets		Up to 650/4,400 sheets	
RMPV ²⁴	2,000 to 15,000 pages	4,000 to 1	5,000 pages	5,000 to 30,000 pages		5,000 to 40,000 pages	
	LaserJet Managed E60175		LaserJet Managed MFP	E62655	LaserJet M	Managed MFP E62665	
Product number	E60175dn: 3GY12A		E62655dn: 3GY14A		E62665hs: 3GY15A Flow E62665h: 3GY16A Flow E62665z: 3GY17A		
Control panel	4.3-inch (10.9 cm) color touchscr	een	9.0-inch (22.8 cm) functional touchscreen with		n 8.0-inch (2	0.3 cm) Color Graphics Display	
Print speed, letter ²⁸	Up to 75 ppm		Up to 55 ppm U		Up to 65 ppm		
First page out (from ready, letter) ²²	As fast as 5.0 seconds		As fast as 5.1 seconds		As fast as 5.1 seconds		
Scan speeds, letter ¹⁹	Not applicable		Simplex, black and color: Up to 75 ppm Duplex, black and color: Up to 120 ipm		Simplex, black and color: E62665hs: Up to 75 ppm E62665h/z: Up to 90 ppm Duplex, black and color: E62665hs: Up to 120 ipm E62665h/z: Up to 180 ipm		
Flow features	Not available		Not available		Flow models only: Pull-out keyboard, HP EveryPage, embedded OCR, advanced imaging		

Up to 650/3,750 sheets (all MFP models)

5,000 to 40,000 pages (all MFP models)

Input (standard/

maximum²³) RMPV²⁴ Up to 650/4,400 sheets

5,000 to 50,000 pages

Optional input and finishing accessories - Color A3 LaserJet

Devices	Compatible accessories
Color LaserJet Managed MFP M775	Input: 500-sheet feeder (CE860A), 1x500-sheet feeder with cabinet (CE792A), 3x500-sheet feeder and stand (CE725A), 3,500-sheet HCI and stand (CF305A)
	Output: Not applicable
Color LaserJet Managed MFP M880	Input: 3x500-sheet feeder and stand (C1N63A), 3,500-sheet HCl and stand (C1N64A)
	Output: Booklet maker/finisher with 2/3 hole punch (A2W84A), stapler/stacker (A2W80A), stapler/stacker with 2/4 hole punch (A2W82A), booklet maker/finisher (A2W83A), booklet maker/finisher with 2/4 hole punch (CZ999A)
Color LaserJet Managed E75245 Color LaserJet Managed E85055	Input: 550-sheet paper tray (T3V27A), LaserJet Stand (T3V28A), 2x550-sheet paper tray and stand (T3V29A), 2,700-sheet HCI and stand (T3V30A)
	Output: Not applicable

Optional input and finishing accessories - Monochrome A3 LaserJet

Devices	Compatible accessories
LaserJet Managed MFP M725	Input: 500-sheet feeder (CF239A), 1x500-sheet feeder, cabinet, and stand (CF243A), 3x500-sheet feeder and stand (CF242A), 3,500-sheet HCI and stand (CF245A)
	Output: Not applicable
LaserJet Managed MFP M830	Input: 3x500-sheet feeder and stand (C1N63A), 3,500-sheet HCl and stand (C1N64A)
	Output: Booklet maker/finisher (CZ285A), stapler/stacker (CZ994A), stapler/stacker with 2/3 hole punch (CZ995A)

Optional input and finishing accessories - Color and Monochrome A4 LaserJet

Devices	Compatible accessories
LaserJet Managed E50145	Input: 550-sheet feeder (F2A72A), printer stand and cabinet (F2A73A)
LaserJet Managed MFP E52645	Output: Not applicable
Color LaserJet Managed E55040	Input: 550-sheet feeder (B5L34A), printer stand and cabinet (B5L51A)
Color LaserJet Managed MFP E57540	Output: Not applicable
LaserJet Managed E60155 LaserJet Managed E60165	Input: 550-sheet paper feeder (L0H17A), 2,100-sheet paper feeder (L0H18A), envelope feeder (L0H21A), printer stand (L0H19A)
LaserJet Managed E60175	Output: Stapler/stacker/mailbox (L0H2OA)
Color LaserJet Managed E65150 Color LaserJet Managed E65160	Input: 1x550-sheet paper feeder (P1B09A), 1x550-sheet paper feed with stand and cabinet (P1B10A), 3x550 sheet paper feeder and stand (P1B11A), 1x550 and 2,000 sheet HCI feeder and stand (P1B12A)
Color LaserJet Managed MFP E67650 Color LaserJet Managed MFP E67660	Output: Not applicable
LaserJet Managed MFP E62655 LaserJet Managed MFP E62665	Input: 550-sheet paper feeder (J8J89A), 1x550-sheet paper feeder with stand and cabinet (J8J91A), 3x550-sheet paper feeder and stand (J8J93A), 1x550 and 2,000-sheet HCI feeder and stand (J8J92A), envelope feeder (J8J90A)
	Output: Not applicable

HP Scanner portfolio

Sheet-feed Network

	<u> </u>	<u> </u>	<u> </u>	Was a second	© :	BDD :-
	ScanJet Pro 2000 s2	ScanJet Pro 3000 s4	ScanJet Enterprise Flow 5000 s5	ScanJet Enterprise Flow 7000 s3	ScanJet Pro N4000 snw1	ScanJet Enterprise Flow N7000 snw1
Product number	6FW06A	6FW07A	6FW09A	L2757A	6FW08A	6FW10A
Scan speeds19	35 ppm/70 ipm	40 ppm/80 ipm	65 ppm/130 ipm	75 ppm/150 ipm	40 ppm/80 ipm	75 ppm/150 ipm
Workflow support	Simple: HP Scan software	Simple: HP Scan software	Advanced: HP Scan Premium software	Advanced: HP Smart Document Scan Software (HP SDSS), Kofax VRS Pro	Simple: HP Scan software	Advanced: HP Scan Premium software
Recommended daily duty cycle	Up to 3,500 sheets	Up to 4,000 sheets	Up to 7,500 sheets	Up to 7,500 sheets	Up to 4,000 sheets	Up to 7,500 sheets

Flatbed with automatic document feeder (ADF)

Network



1 HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit hp.com/go/printersthatprotect. ² HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager. ³ 5 billion records were exposed in more than 6,500 breaches in 2018. 2018 Year End Data Breach QuickView Report by Risk Based Security / Cyber Risk Analytics, https://pages.riskbasedsecurity.com/2018-ye-breach-quickview-report, February 2019. 4 Quocirca Global Print Security Study, Louella Fernandes, January 2019. 5 HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja. 6 HP JetAdvantage Secure Print works with any network connected printer or MFP. On-device authentication is available for many HP LaserJet, PageWide, and OfficeJet Pro devices and selected non-HP devices. Some devices may require a firmware upgrade. Internet connection required for cloud storage and retrieval of print jobs. Print-job release from a mobile device requires a network connection and QR code. For more information and a list of supported printers and MFPs, see hp.com/go/ <u>JetAdvantageSecurePrint</u>. ⁷ Color access control capabilities vary from device to device. ⁸ The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd. ⁹ Not all MFPs may be compatible with Workpath apps. Not all apps may be available in all locations. For more information about HP Workpath apps, see http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-3703ENW. For a list of compatible products, see http://h20195.www2.hp.com/v2/GetPDF.aspx/4aa7-3587enw.pdf. The Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. Some features enabled by future HP FutureSmart upgrades may not be available on older devices if, for example, physical product characteristics limit the functionality of the new feature For details, see hpconnected.com. 11 12 Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs (\$3,000−\$11,299 and €2,820-€11,199), and color ink/laser single function printers (\$1,500-\$4,799 and €1,410-€4,599) as of February 2018; market share as reported by IDC as of Q3 2017, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds. 13 Energy claim based on all TEC data reported on energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class A3 color laser printers with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary. ¹⁴ BLI Reliability 2018-2021 award: In July 2018, HP was named Buyers Lab's Most Reliable Business Printer & MFP Brand by the analysts at Buyers Lab (BLI), based on lab testing from 2012 to 2018. For more information, see https://www.keypointintelligence.com/news/awards. 15 High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for High-Yield Original PageWide Cartridges compared with standard-yield Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies. 16 Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at hp.com/go/pagewideclaims. 17 Program availability varies. For more information, visit hp.com/recycle. 18 Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com. ¹⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Scan speeds apply to black and color, unless otherwise specified. ²⁰ HP recommends that the number of scanned 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. 21 Measured using ISO/IEC 24734 in non-default general office print mode. Default professional print mode speed, measured using ISO/IED 24734, is 20 ppm less than general office print mode. 22 Measured using ISO/IEC 17629. Exact speed for first page out varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims. 23 Purchase of optional paper trays required to reach maximum input capacity. 24 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. 25 CRN®, a brand of the Channel Company, has named the HP PageWide Enterprise Color Flow MFP 785z+ the overall winner in the 2018 Product of the Year Awards in the Printer category, along with sub-category wins in Technology, Revenue and Profit, and Customer Demand. ²⁶ Touch-to-print capability is standard in the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and may be added as an option to the HP Color LaserJet Enterprise flow MFP M880z+ D7P71A model and ma environment and distance from the printer. For details, see hp.com/go/wirelessprinting. 28 Measured using ISO/IEC 24734 and excludes the 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.

