Datasheet

HP LaserJet Managed MFP E826dn Printer Series

Powerful. Flexible. Secure.

Change is the only constant in business. Transform your business with a printer that can be upgraded over time to expand capabilities. With HP's most secure printers[1] you'll stay secure and simplify fleet management for busy IT pros.



Unleash peak productivity

- Tackle anything with our powerful CPU. Maximize your productivity and increase your overall print performance by copying, scanning and printing documents of all sizes at virtually full speed.
- Get time back with industry leading print speeds up to 70ppm.[2]
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons on the 10.1 in (25.65 cm) color touchscreen display.
- Maintain productivity and stay up to date on the latest features across your fleet with upgradeable HP FutureSmart firmware.[3]

Customizable solutions built to last

- Make your day-to-day easier by customizing your print experience with cloud-connected HP Workpath apps that let you access personalized content, integrate paper and digital workflows.[4]
- Unleash your creativity and match any office décor with modern designs and the option of five customizable color panels.
- Give your team what they need to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions as well as card reader support.

Always on guard with HP Wolf Security[5]

- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.
- Run-time intrusion detection is always on guard. Common Criteria certified[6] to continually monitor memory activity to keep you safe, detecting and stopping attacks in real time.
- HP Memory Shield™ is an embedded security feature that helps prevent a wide variety of malware attacks from redirecting the execution flow of a program.

Better printing, for a better planet

- The fiber-based packaging, including outer box and interior fiber-based cushions, for this product is 100% sustainably sourced, meaning it's made from recycled or certified content.[7]
- Our devices are made with the planet in mind with energy-efficient printing and toner cartridges made from more than 57% recycled plastic.[8] Printing that puts the planet first.
- Our improved energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel.[9]
- With formulas that meet current indoor air quality standards, our ultra-low melt toner is efficient for both printing and the planet.[10]

Product walkaround

1. Hardware Integration Pocket (for connecting accessories and third-party devices)[1]
2. Flatbed scanner handles sheets up to 11x17 in (297 x 432 mm)
3. 500-sheet output bin
4. Automatic two-sided printing
5. Easy-access USB port[2]
6. Front door access to toner cartridges
7. HP High-Performance Secure Hard Disk
8. Slot for cable-type security lock
9. SuperSpeed USB 3.0 Host Port
10. Hi-Speed USB 2.0 Host Port
11. Gigabit Ethernet Port
12. SuperSpeed USB 3.0 device port
13. 520-sheet tray 3 supports media sizes up to A3 (11x17 in)
14. 200-sheet dual side ADF supports media sizes up to A3 (11x17 in)[3]
15. 10.1 inch (25.6 cm) color touchscreen display
16. Power button
17. Right door access to the print path
18. 100-sheet multipurpose tray 1 supports media sizes up to A3 (11x17 in)
19. 520-sheet tray 2 supports media sizes up to A4 (Letter)
20. Optional 2 x 520-sheet dual tray/stand supports media sizes up to A3 (11x17 in)



Series at a glance

Model	HP LaserJet Managed MFP E826dn		
Product number	5QK09A	5QK09A (Base) + 8EP63AAE (Speed license)	5QK09A (Base) + 8EP64AAE (Speed license)
Print speed (A4 and letter, black)[3]	Up to 50 ppm	Up to 60 ppm	Up to 70 ppm
Scan speed (A4 and letter, black)[4]	90 ppm/180 ipm, simplex/duplex		
Functions	Print, copy, and scan (fax and wireless optional) (all models)		
ADF capacity	200 sheets		
Input capacity	Standard: 1,140 sheets; Maximum: 6,140 sheets (all models)		
Advanced workflow features	No		

[1]
[2] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
[3] An administrator must enable the easy-access USB port before use.
[4] The E826 series dn models include a 200-sheet ADF. The ADF on all devices can scan documents up to 11 x 17 inches (A3).
[5] 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. Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Top features

Get more done faster with industry leading printing, scanning and copying speeds, maximum uptime – powered by HP's custom designed quadcore processor.
Tailored on-device and cloud connected solutions to help optimize your workflows with flexibility to support your workforce today and evolve to meet your demands for tomorrow.
HP Wolf Enterprise Security provides the world's most secure printing through industry leading multi-layer, self-healing security that protects, detects, and adapts to new threats.[1] We keep trouble out so you can keep your business running.
Save resources with our energy efficient printing that meets EPEAT Gold, Blue Angel and Energy Star standards; supporting HP's goal for carbon neutrality and a fully sustainable economy.

Services and Solutions

Service and Support	**U03HZE** - HP 1 year Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U03J0E** - HP 3 year Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U04MWE** - HP 4 year Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U04MXE** - HP 5 year Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U04MYE** - HP 3 year 4 hour 9x5 with DMR Service for LaserJet Managed MFP E826xx **U04MZE** - HP 4 year 4 hour 9x5 with DMR Service for LaserJet Managed MFP E826xx **U04N0E** - HP 5 year 4 hour 9x5 with DMR Service for LaserJet Managed MFP E826xx **U04N1E** - HP 1 year Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U04N2E** - HP 3 year Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U04N3E** - HP 4 year Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U04N4E** - HP 5 year Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U04N5PE** - HP 1 year Post Warranty Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U04N6PE** - HP 2 year Post Warranty Next Business Day with DMR Service for LaserJet Managed MFP E826xx **U04N7PE** - HP 1 year Post Warranty 4 hour 9x5 with DMR Service for LaserJet Managed MFP E826xx **U04N8PE** - HP 2 year Post Warranty 4 hour 9x5 with DMR Service for LaserJet Managed MFP E826xx **U04N9PE** - HP 1 year PW Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U04NBPE** - HP 2 year PW Parts Exchange w/DMR Service for LaserJet Managed MFP E826xx (Managed Component Only) **U9PR6E** - HP A3 Installation Service for E7xxxx/E8xxxx MFP
Solutions	**Security**: HP Access Control; HP Security Manager; HP Advance; HP Secure Print and Insights **Mobile and universal print**: HP Universal Print Driver (UPD); HP Print for Chrome Extension; HP Smart UPD; HP For Universal Print Workpath App **Management**: HP Web JetAdmin; HP Smart Device Services (SDS); Embedded Web Server; HP Command Center; HP Smart Printer Administrator's Resource Kit

Front panel optional colors



*Available with optional color panel accessories

Accessories & Speed Licenses

155P7A	HP LaserJet InnerFinisher 2/3 Hole Punch
155P8A	HP LaserJet InnerFinisher 2/4 Hole Punch
155P9A	HP LaserJet Inner Finisher Swedish Hole Punch
190A3A	HP LaserJet Department Lunar Gray Color Panel
190A4A	HP LaserJet Department 2x520 sheet Paper Tray/Stand Lunar Gray Color Panel
190A5A	HP LaserJet Department High Capacity Paper Tray/Stand Lunar Gray Color Panel
190A8A	HP LaserJet Department Stand Lunar Gray Color Panel
190B3A	HP LaserJet Department Comet Red Color Panel
190B4A	HP LaserJet Department 2x520 sheet Paper Tray/Stand Comet Red Color Panel
190B5A	HP LaserJet Department High Capacity Paper Tray/Stand Comet Red Color Panel
190B8A	HP LaserJet Department Stand Comet Red Color Panel
190C3A	HP LaserJet Department Cosmic Green Color Panel
190C4A	HP LaserJet Department 2x520 sheet Paper Tray/Stand Cosmic Green Color Panel
190C5A	HP LaserJet Department High Capacity Paper Tray/Stand Cosmic Green Color Panel
190C8A	HP LaserJet Department Stand Cosmic Green Color Panel
190D3A	HP LaserJet Department Constellation Yellow Color Panel
190D4A	HP LaserJet Department 2x520 sheet Paper Tray/Stand Constellation Yellow Color Panel
190D5A	HP LaserJet Department High Capacity Paper Tray/Stand Constellation Yellow Color Panel
190D8A	HP LaserJet Department Stand Constellation Yellow Color Panel
190F3A	HP LaserJet Department Aurora Purple Color Panel
190F4A	HP LaserJet Department 2x520 sheet Paper Tray/Stand Aurora Purple Color Panel
190F5A	HP LaserJet Department High Capacity Paper Tray/Stand Aurora Purple Color Panel
190F8A	HP LaserJet Department Stand Aurora Purple Color Panel
2NR12A	HP Removable Hard Drive Enclosure
2TD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
478C2A	HP Printing Voice Assistant
4QL32A	HP Legic Secure USB Reader
4XN67A	Internal USB Expansion Kit
5QK14A	HP MFP 810 Analog Dual Fax
6GW47A	HP LaserJet 2x520 sheet Department Paper Tray/Stand
6GW49A	HP LaserJet Inner Finisher
6GW50A	HP LaserJet Department Job Separator
6GW51A	HP LaserJet Booklet Finisher
6GW53A	HP LaserJet Department Stand
6GW55A	HP LaserJet Stapler/Stacker Finisher
6GW56A	HP LaserJet 3000 sheet Department High Capacity Paper Tray/Stand
6GW57A	HP LaserJet 2000 sheet Department High Capacity Paper Tray/Stand
6HN31A	HP 500GB CCC, FIPS, TAA Hard Disk Drive
7ZA07A	HP MFP 811 Analog Dual Fax
7ZA08A	HP MFP 800 Analog Single Fax
7ZA09A	HP MFP 801 Analog Single Fax
8FP31A	HP Jetdirect LAN Accessory
9EQ11A	HP 500GB CCC, FIPS Hard Disk Drive
B5L31A	HP Foreign Interface Harness
CC543B	HP SmartCard NIPRNet Solution for US Government
F8B30A	HP SmartCard SIPRNet Solution for US Government
X3D03A	HP USB Universal Card Reader
Y1G10A	HP LaserJet Hole Punch 2/3 Accessory
Y1G13A	HP LaserJet Inner/Booklet Staples
Y1G14A	HP LaserJet Stapler/Stacker Finisher Staples
Y1G22A	HP LaserJet Paper Tray Heaters Accessory
Y7C05A	HP HIP2 Keystroke Reader
Y7C07A	HP SIM for HID iClass for HIP2 Reader
8EP63AAE	HP LaserJet Managed MFP E826 50 to 60ppm License
8EP64AAE	HP LaserJet Managed MFP E826 50 to 70ppm License
8LB51AAE	HP LaserJet Managed MFP E826 60 to 70ppm License

* Inner finisher/inner finisher hole punches are not compatible with 70ppm ** HP LaserJet Workflow Accelerator Card, 6HN30A will be available in January 2023.

Technical specifications

Functions	Print, copy, scan, fax (optional)			
Print speed[1,4]	**Letter Black**	Up to 50ppm	Up to 60ppm (with 8EP63AAE)	Up to 70ppm (with 8EP64AAE)
	A4 Black	Up to 50ppm	Up to 60ppm (with 8EP63AAE)	Up to 70ppm (with 8EP64AAE)
	First page out Letter Black	As fast as 7.2 sec	As fast as 6.9 sec (with 8EP63AAE)	As fast as 6.8 sec (with 8EP64AAE)
	First page out A4 Black	As fast as 7.2 sec	As fast as 6.9 sec (with 8EP63AAE)	As fast as 6.8 sec (with 8EP64AAE)
Print resolution	**Black (best):** Up to 1200 x 1200 dpi full speed; **Black (normal):** Up to 600 x 600 dpi; **Black (fine lines):** Up to 1200 x 1200 dpi			
Print technology	Laser; **Optical:** Normal (600 x 600 4 bit); Best (1200 x 1200 1 bit)			
Print cartridges number	1 (black)			
Standard print languages	HP PCL 5e, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible			
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB			
Color scanning	Yes			
Scan speed Normal[5]	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ; Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) **Duplex:** Up to 180 ipm (b&w), up to 180 ipm (color) ; Up to 180 ipm (b&w), up to 180 ipm (color)			
Scan type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS			
Scan resolution	**Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 x 600 dpi			
Scan file format	PDF, Hi-Compression PDF, PDF/A, Hi-Compression PDF/A, JPEG, TIFF, MTIFF, XPS			
Scan input modes	Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath applications			
Scan Size	**ADF Maximum:** 297 x 864 mm; 11.7 x 34 in **ADF Minimum:** 68 x 127 mm; 2.7 x 5 in **Flatbed:** 297 x 432 mm; 11.69 x 17 in			
Duplex ADF scanning	Yes			
ADF capacity	Standard, 200 sheets			
Twain version	Version 2.4			
Bit depth / Grayscale levels	24-bit/256			
Digital sending standard features	Scan to e-mail; save-to-network folder; save-to-USB drive; send to Sharepoint; send to FTP; send to sFTP; send to LAN fax; send to Internet Fax; local address book; SMTP over SSL; auto color sense; compact PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); content orientation; ID scan; job build; watermark; stamps; book mode scans; erase edges; image preview; blank page suppression;			
Copy speed	**Letter Black**	Up to 50 cpm	Up to 60 cpm (with 8EP63AAE)	Up to 70 cpm (with 8EP64AAE)
	A4 Black	Up to 50 cpm	Up to 60 cpm (with 8EP63AAE)	Up to 70 cpm (with 8EP64AAE)
	Letter Black Duplex	Up to 50 cpm	Up to 60 cpm (with 8EP63AAE)	Up to 70 cpm (with 8EP64AAE)
	A4 Black Duplex	Up to 50 cpm	Up to 60 cpm (with 8EP63AAE)	Up to 70 cpm (with 8EP64AAE)
	First copy out Letter Black	As fast as 3.9 sec	As fast as 3.4 sec (with 8EP63AAE)	As fast as 3.3 sec (with 8EP64AAE)
	First copy out A4 Black	As fast as 3.9 sec	As fast as 3.4 sec (with 8EP63AAE)	As fast as 3.3 sec (with 8EP64AAE)
Copy resolution	**Black (text and graphics):** ; Up to 600 x 600 dpi			
Maximum number of copies	Up to 9999 copies			
Copier resize	25 to 400%			
Copier settings	Two-sided copying; reduce/enlarge; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collate; booklet; scan mode (book, 2-sided ID); watermark; stamps; image overlay; erase edges; job build; image preview; image shift; paper selection; blank page suppression; automatically straighten; scan to job storage			
Fax speed	**Up to:** 33.6 kbps / **Letter:** 3 sec per page			
Fax resolution	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 203 x 98 dpi			
Fax Features	**Fax memory:** Up to 500 pages; Up to 500 pages **Auto fax reduction supported:** Yes **Auto-redialing:** Yes **Fax delayed sending:** No **Distinctive ring detection supported:** No **Fax forwarding supported:** Yes **Fax phone TAM interface supported:** No **Fax polling supported:** Yes (poll to receive only) **Fax telephone mode supported:** No **Junk barrier supported:** Yes **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations) **PC interface supported:** Yes **Remote retrieval capability supported:** No **Telephone handset supported:** No			
Standard connectivity	1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)			
Network capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)			
Wireless capability	Optional, enabled with purchase of a hardware accessory			
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; HP Roam; NFC Touch-to-print (optional); PrinterOn Print			
Memory	**Standard:**6 GB; **Maximum:**6 GB			
Processor speed	Quad Core (1.6GHz), Dual Core (1.4GHz) / **Storage**: Standard, embedded 500 GB hard disk drive / **Hard disk:** Standard, HP LaserJet 500GB Hard Disk Drive; AES 256 hardware encryption; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)			
Duty cycle (monthly)	**Letter:**	Up to 200,000 pages	Up to 250,000 pages (with 8EP63AAE)	Up to 300,000 pages (with 8EP64AAE)
	A4:	Up to 200,000 pages	Up to 250,000 pages (with 8EP63AAE)	Up to 300,000 pages (with 8EP64AAE)
Recommended monthly page volume	Up to 60,000			

Technical specifications

Paper handling	**Input Capacities:** Up to 1140 sheets (Tray1: up to 100 sheets; Tray2: up to 520 sheets; Tray3: up to 520 sheets) Standard; Up to 50 envelopes; **Input Capacities, Max:** Up to 6,140 sheets; **Output Capacities:** Up to 500 sheets Standard; Up to 100 sheets; **Duplex Options:** Automatic; **Envelope feeder:** No; **Standard paper trays:** 3
Media types supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g,Heavy 111-130g, Mid-WtGlossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Card-stock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Mono Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Pre-punched, Colored
Media weight supported	Tray 1, 2, 3: 16 to 86.5 lb bond
Media sizes supported	**Tray 1**: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch; **Tray 2**: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8,10 x 15, 16k, envelope #9, Envelope #10, EnvelopeMonarch; Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 9.5 x 11.69 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in
What's in the box	**5QK09A** In box materials ; Guide install, Flyer Regulatory, Power Cords, Label, Drums.
Replacement cartridges[4]	HP Black Managed LJ Toner Cartridge (ISO Yield 60,000) W9085MC
Product dimensions	**W x d x h:** 585 x 694.7 x 907.7 mm; 23 x 27.4x 35.7 in **Maximum:** 1656.7 x 1269 x 1488.5 mm; 65.2 x 50 x 58.6 in
Product weight	78.2 kg; 172.4 lb
Warranty features	90 day parts only warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to hp.com/support to learn about HP award winning service and support options in your region.
Energy star certified	Yes
Ecolabels	EPEAT® registered; IT ECO Declaration; Blue Angel
Control panel	10.1-in (25.65 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Speaker
Display description	10.1-in (25.65 cm) touchscreen, WXGA Color Graphic Display (CGD)
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com
Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win11, Win7 Ultimate, Mobile OS's-, iOS, Android, Apple macOS's-, Apple macOS Catalina v10.15, Apple macOS Big Sur v11.0, Apple macOS Monterey v12.0, (All operating systems with the latest updates)
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Windows Server 2022 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, (All operating systems with the latest updates)
Minimum system requirements	**PC:** 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **Mac:** 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com
Power	**Power supply type:** Internal (Built-in) power supply; **Power requirements:** Input voltage: 100 to 127VAC 50/60Hz, 110 to 127VAC 50/60Hz, 220 to 240VAC 50/60Hz (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption:** 870 watts (50ppm, printing), 1010 watts (60ppm, printing), 1090 watts (70ppm, printing), 36.0 watts (ready), 0.9 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off)
Acoustics	**Acoustic power emissions:** 6.85 Bel(A), printing simplex A4 at 50ppm; 6.95 Bel(A), printing simplex A4 at 60ppm; 7.10 Bel(A), printing simplex A4 at 70ppm; **Acoustic Pressure Emissions (active, printing):** 53dB(A), printing simplex A4 at 50ppm; 54dB(A), printing simplex A4 at 60ppm; 55dB(A), printing simplex A4 at 70ppm; **Acoustic Pressure Emissions (active scan):** 54dB(A), ADF scan A4 at 90ipm; 59dB(A), ADF scan A4 at 150ipm
Operating environment	**Operating temperature range:** 15 to 30°C; **Recommended operating temperature:** 15 to 30°C; **Storage temperature range:** -10 to 40°C; **Operating humidity range:** 20 to 80% RH; **Recommended humidity operating range:** 20 to 80% RH

Messaging Footnotes

[1] HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 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: http://www.hp.com/go/PrintersThatProtect. For more information, visit: http://www.hp.com/go/PrinterSecurityClaims
[2] 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.
[3] Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
[4] Based on HP review of competitive manufacturer's published app platform specifications as of April 2019. Only HP Workpath offers a combination of app validation upon submission plus automated re-validation of apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Subscription may be required.
[5] HP Security is now HP Wolf Security. Security features vary by platform. For more information, visit http://www.hp.com/wolfsecurity.
[6] Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf
[7] 100% outer fiber-based packaging and internal fiber-based cushions made from sustainably sourced certified and recycled fibers.
[8] 100% of Original HP Toner Cartridges contain between 1-77% post-consumer or post-industrial recycled content. Does not include toner bottles or other products not listed. See http://www.hp.com/go/TonerRecycledContent for list. Hardware based: Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2, and is expressed as percent of total weight of plastic.
[9] HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines.
[10] HP printer, HP paper and Original HP supply - Blue Angel DE-UZ 219 Emissions Criteria.

Technical Specifications Footnotes

[1] 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.
[2] 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.
[3] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[4] Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
[5] 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.
[6] For Scan software, we support: Windows (JPG, RAW(BMP), PDF, TIFF, PNG, RTF) and Mac (JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT)

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