Data sheet

HP LaserJet Enterprise MFP 5602dn Printer

The powerful A4 enterprise printer for small teams

Built to simplify document workflows and support high-volume printing with fast speeds, customizable features, and built-in HP AI [16] digitization. Seamlessly integrates with your fleet, is future-ready, and delivers the world's most secure printing.[1]



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

Highlights

- 20.3 cm Colour Touchscreen
- 650-sheet standard input
- 2,300-sheet max input
- Energy Star® Certified
- Blue Angel Certified

Get the power to be more productive

- Save time with fast automatic 2-sided scanning up to 100 ipm and print speeds up to 52 ppm to power through your tasks.[2]
- Stay ahead with FutureSmart firmware updates, keeping your fleet always up to date.[3]
- Customize workflows your way with printer and software configurations for your unique needs.

Digitize your workflows with smart solutions

- Digitize large paperwork stacks in seconds — AI extracts and organizes key data from scans automatically.[6]
- Wherever you are in your digital transformation, find the perfect fit—on-premises or cloud, tailored to you.

Protect what matters with the most secure printer[1]

- Keep your work protected—HP Wolf silently detects and repairs your printer from cyberattacks.[1]
- Simplify compliance—HP Security Manager enforces policies automatically, so you're always audit-ready.[8]
- Grant access only to verified users and devices with HP's Zero Trust Print Architecture.[9]
- Get peace of mind with future-ready security — the world's first printers protected against quantum attacks.[10]

Save energy and help reduce waste

- Reduce costs and environmental impact with printers and toner cartridges that use less energy.[11]
- Meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel with our energy efficient designs.[12]
- Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastics.[13]
- Easily recycle your used HP TerraJet Toner Cartridges for free through the HP Planet Partners Program.[14]

Product walkaround

HP LaserJet Enterprise MFP 5602dn Printer shown

1. 100-sheet dual side ADF supports media sizes up to Legal (21.6 x 35.6 cm)
2. Hardware Integration Pocket (for connecting accessories and third-party devices)[1]
3. 550-sheet tray 2 supports media sizes up to Legal (21.6 x 35.6 cm)
4. 100-sheet multipurpose tray 1 supports media sizes up to Legal (21.6 x 35.6 cm)
5. Automatic 2-sided printing
6. 8-inch colour touchscreen display (20.3cm)



Accessories, Supplies and Support

Supplies

6H121A HP LaserJet ADF Maintenance Kit
C35T5A HP LaserJet Transfer Roller Kit (~225,000 pages)
C35T6A HP LaserJet Tray 2 Roller Kit (Transactional: ~150,000 pages, Managed: ~225,000 pages)
W1590A HP 159A Black Original LaserJet Toner Cartridge (Average cartridge yields 5,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
W1590X HP 159X Black Original LaserJet Toner Cartridge (Average cartridge yields 10,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
W1590Y HP 159Y Black Original LaserJet Toner Cartridge (Average cartridge yields 26,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)

Accessories

1M0Q0A HP MFP Analog Fax 702 Accessory
2TD64A HP Accessibility Kit
478C2A HP Printing Voice Assistant
4XN67A Internal USB Expansion Kit
6C7M6A HP LaserJet 550-sheet Paper Tray
766R7A HP LaserJet 512 GB SED-TAA Solid State Drive
8FP31A HP Jetdirect LAN Accessory
9R1U0A HP JetDirect 3200w Wifi 6 Bluetooth Wireless Accessory
B01KLA HP LaserJet 3x550 Sheet Paper Tray with Stand
B01KMA HP LaserJet Lunar Gray 3x550 Sheet Paper Tray with Stand
B01KNA HP LaserJet Comet Red 3x550 Sheet Paper Tray with Stand
B01KPA HP LaserJet Cosmic Green 3x550 Sheet Paper Tray with Stand
B01KQA HP LaserJet Aurora Purple 3x550 Sheet Paper Tray with Stand
B01KRA HP LaserJet Constellation Yellow 3x550 Sheet Paper Tray with Stand
B01KSA HP LaserJet Envelope Feeder Kit
B01KTA HP LaserJet 550 Sheet Paper Tray with Storage Stand
B01KVA HP LaserJet Lunar Gray 550 Sheet Paper Tray with Storage Stand
B01KWA HP LaserJet Comet Red 550 Sheet PaperTray Storage Stand
B01KXA HP LaserJet Cosmic Green 550 Sheet Paper Tray with Storage Stand
B01KYA HP LaserJet Aurora Purple 550 Sheet Paper Tray with Storage Stand
B01KZA HP LaserJet Constellation Yellow 550 Sheet Paper Tray with Storage Stand
B18J1A HP LaserJet 512GB M.2 2280 NVMe CCC/FIPS/TAA Solid State Drive
B5L31A HP Foreign Interface Harness
B8GR1A HP LaserJet 550 Sheet Paper Constellation Yellow Tray
B8GR2A HP LaserJet 550 sheet Paper Cosmic Green Tray
B8GR3A HP LaserJet 550 sheet Paper Aurora Purple Tray
B8GR4A HP LaserJet 550 sheet Paper Comet Red Tray
B8GR5A HP LaserJet 550 sheet Paper Lunar Gray Tray

X3D03B HP USB Universal Card Reader
Y7C05B HP HIP2 Keystroke Reader
35H11B HP HID Mob Acc Mifare DES Fire ks Reader
4QL32A HP Legic Secure USB Reader

Service and Support

UP9K3E - HP 3 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 5602
UP9K4E - HP 4 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 5602
UP9K5E - HP 5 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 5602
UP9K6PE - HP 1 year Post Warranty NBD Onsite with DMR Service for LaserJet Enterprise MFP 5602
UP9L9E - HP 3 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 5602
UP9M0E - HP 4 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 5602
UP9M1E - HP 5 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 5602
UP9M2PE - HP 1 year Post Warranty Parts Exchange with DMR Service for LaserJet Enterprise MFP 5602
U9JT2E - HP Inst SVC w/nw Workgroup Printer

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

Technical specifications

Model	**HP LaserJet Enterprise MFP 5602dn Printer**
Product number	675S3A
Functions	Print, copy, scan, fax (optional)
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display
Print	
Print technology	Laser
Print speed[14,15]	**Black (A4, normal)**: Up to 50 ppm ; **Black (A4, duplex)**: Up to 41 ipm ; **Print speed black (Portrait, A5)**: Up to 14 ppm ; **Print speed black (Landscape, A5)**: Up to 76 ppm
First page out[16]	**Black (A4, ready)**: As fast as 4.1 sec ; **Black (A4, sleep)**: As fast as 8.4 sec
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi ; **Technology**: Normal (600 x 600 dpi with FastRes), Fine Lines (1,200 x 1,200 dpi), Quickview (300 x 300 dpi), Economode
Monthly duty cycle[17]	Up to 150,000 pages A4; **Recommended monthly page volume**[18]: 2,500 to 12,500
Printer smart software features	Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8 in (20.3 cm) or 10.1 in (25.6 cm) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview
Standard print languages	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type);2 Internal Windows Vista 8 Fonts (Calibri, Cambria);additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation information available in the user guide and documentation for this printer model at http://www.hp.com/support
Print area	**Print margins** Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area : 212 x 352 mm
Duplex printing	Automatic (standard)
Copy	
Copy speed[6]	**Black (A4)**: Up to 50 cpm
Copier specifications	Book Copy; Booklet; Build Job; Collation; Content orientation; Copy preview; Darkness control; Default Original Size; Edge Erase; ID Copy; Image adjustment; Job build; N or Z-ordering; Number of Copies; N-up; Original Size; Original Type; Paper Size; Paper Source; Paper type; Photo; Save Current Settings; Text/Photo; Tray Selection; Two-sided copy; Watermark; Scan mode (book, 2-sided ID); Stamps; Image overlay; Image shift; Image preview; Paper selection; Scan to job storage; Automatically straighten; Automatically detect color/monochrome; Auto tone; Multi-feed detection; Auto paper color removal; Document editing; **Maximum number of copies**: Up to 9999 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed[2]	**Normal (A4)**: Up to 47 ppm/94 ipm (b&w), up to 47 ppm/94 ipm (color) ;**Duplex (A4)**: Up to 94 ipm (b&w), up to 94 ipm (color)
Scan file format[5]	**Standard**: JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR);
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OxP) applications; **Twain version**: Version 2.4; **Duplex ADF scanning**: Yes, single pass duplex scanning; **Optical scan resolution**: Up to 600 dpi
Recommended monthly scan volume[3]	5000 to 10,000
Scannable area	**Maximum media size (flatbed)**: 216 x 356 mm ;**Minimum media size (ADF)**: 101.6 x 148 mm **Maximum media size (ADF)**: 216 x 864 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Embedded OCR; scan to OneDrive; scan to OneDrive for Business; scan to SharePoint Online; scan to Email; scan to network folder; scan to USB drive; scan to SharePoint; scan to FTP; scan to sFTP; scan to LAN fax; scan to Internet Fax; local address book; SMTP over SSL; automatically detect color/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); content orientation; scan mode (book, 2-sided ID); erase edges; auto page crop; job build; image preview; blank page suppression; automatically straighten
Fax	
Fax/modem[13]	Fax: Optional Modem: Optional
Fax specifications	**Fax memory**: Up to 1000 pages; **Fax resolution**: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; **Quick dialing**: Up to 1000 numbers
Fax smart software features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Processor speed	Quad Core (1.6 GHz)
Storage[1]	32 GB eMMC; 512 GB SSD (Optional)
Connectivity	
Standard	1 Gigabit Ethernet 10/100/1000 Base-T 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)
Optional	HP Jetdirect 3200w WiFi 6 Bluetooth Wireless Accessory 9R1U0A; HP Jetdirect LAN Accessory 8FP31A; HP LJ MFP Analog Fax Accessory
Mobile printing capability	Apple AirPrint™; Mopria™ certified
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); WiFi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional); Microsoft Universal Print (MUP) support
Hard disk	Standard, 32 GB eMMC; Optional, 512 GB SSD
Memory	**Standard**: 6 GB; **Maximum**: 6 GB
Media handling	
Number of paper trays	**Standard**: 2; **Maximum**: 5 [21]
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined
Media size	**Custom (metric)**: Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet Tray: 105 x 148 to 216 x 356 mm; Envelope Feeder Accessory: 98 x 162 to 178 x 254 mm **Supported (metric)**: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Automatic Duplexer: A4, A5, RA4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio; Envelope Feeder Accessory: B5, C5, C6, DL **ADF**: Letter; legal; oficio; executive; statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 4 x 6 in; 5 x 7 in; 5 x 8 in

Model	**HP LaserJet Enterprise MFP 5602dn Printer**
Product number	675S3A
Media handling	**Standard input:** 100-sheet multipurpose feeder, 550-sheet input feeder, 100-sheet automatic document feeder **Standard output:** 250-sheet output feeder **Optional input:** Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder
Media weight	Feeder 1: 60 to 200 g/m²; Feeder 2: 60 to 120 g/m²; Automatic Duplexer: 60 to 120 g/m²
Input capacity	**Tray 1:** Sheets: 100; Envelopes: 10 **Tray 2:** Sheets: 550; labels: 500 **Tray 3:** Sheets: 550; Envelope Accessory Tray: 50 Envelopes **Maximum:** Up to 2300 sheets **ADF:** Standard, 100 sheets
Output capacity	**Standard:** Up to 250 sheets Envelopes: Up to 30 envelopes Transparencies: Up to 100 sheets **Maximum:** Up to 250 sheets
Envelope feeder	Yes, 50 (optional) [20]
Compatible operating systems[11]	Windows 11 (64-bit and ARM64); Windows 10 (32-bit, 64-bit and ARM64); Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; Linux: Debian 10; Linux: Debian 11; Linux: Elementary 6P; Linux: Fedora 31; Linux: Fedora 32; Linux: Fedora 33; Linux: Fedora 34; Linux: Fedora 35; Linux: Linuxmint 20.1; Linux: Linuxmint 20.2; Linux: Manjarolinux 20.2; Linux: Manjarolinux 21.0.7; Linux: Mxlinux 21; Linux: OpenSuse 15.1; Linux: OpenSuse 15.2; Linux: OpenSuse 15.3; Linux: Rhel 6; Linux: Rhel 7; Linux: Rhel 8; Linux: Ubuntu 20.04; Linux: Ubuntu 20.10; Linux: Ubuntu 21.04; Linux: Ubuntu 21.10; Linux: Zorin 15; Linux: Zorin 16; Chrome OS
Compatible network operating systems	Citrix; SAP; Windows Server 2016 64-bit; Windows Server 2019 64-bit; Windows Server 2022 64-bit; Windows Server 2025 64-bit
Minimum system requirements	**Windows**: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com **Mac**: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
Software included	No software solutions are included in the Box, only on http://hp.com
Security management	Identity management: Role Based Access Control (RBAC) Walk-up and Remote Access; Admin PW Protected EWS and Remote Access, Self-signed Certificate; Encrypted passwords; Personal on-device user accounts; Account Lockout (time-based); Kerberos AuthN; LDAP authentication; 1000 user PIN codes; Optional HP and 3rd party passwordless, MFA solutions (e.g.; badge readers, HP Authentication Suite with Workpath); Protected Access (embedded) end user passwordless MFA for Microsoft® Entra ID; Proximity card reader, single sign-on, smart card, CAC support. Network protection: IPsec/firewall with Certificate; Elliptic Curve Cryptography (ECC, EC-based certificates); Pre-Shared Key; Kerberos AuthN; Web Jetadmin fleet proxy; 802.1X (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS with Server Certificate Validation; Certificate Provisioning and CA support; Access Control List. Data privacy and protection: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated crypto libraries from Microsoft®); Secure Erase with job storage (3x overwrite for HDD, cryptographic erase for SDD); SSL/TLS 1.2, TLS 1.3 support (HTTPS; Encrypted Credentials; Secure encrypted print support via UPD; AI-enabled Guided Redaction data security (select models). Device protection: Continuous malware monitoring; HP SureStart with Quantum Resistant BIOS firmware Integrity checking, PQC protection, and self-healing recovery; Allowlisting code validation (DLLs, EXEs, etc.) at time of use; Memory Shield hardware-enforced Runtime Intrusion Detection and Control Flow Integrity with self-healing recovery; AI-powered Connection Inspector network behavior anomaly detection with self-healing recovery; Trusted Platform Module 2.0; Configurable Service PIN; EU RED, UK PSTI, Australia Cybersecurity Act 2024 compliant; Embedded VPN (select HP Enterprise models); HP LaserJet Workflow Accelerator Card support (select HP MFP Enterprise models); Wi-Fi security; WPA Enterprise; Security lock slot; USB host port disablement; Hardware integration pocket (HIP). Testing, Validation, Governance, and Compliance: FIPS 140-2, 140-3, Common Criteria Certification; HP Workpath support (select models); NIST security checklist; Supply Chain Security ISO/IEC 20243 Certifications. Fleet security management: HP Security Manager policy and device certificate management, fleet firmware vulnerability assessment; Compatible with Device Security Syslog Messages processed and accessible in SIEM tools; HP Workforce Experience Platform Support (select models); Original HP Enterprise Cartridge Security.
Printer management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility)
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 500 x 425 x 500 mm; **Maximum**: 500 x 650 x 750 mm
Printer weight[12]	~21.5 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 40°C
Acoustics[19]	**Acoustic power emissions**: 6.9 B(A) **Acoustic pressure emissions**: 54 dB(A)
Power[7]	**Requirements**: Input Voltage: 100V - 127V AC, 50 - 60Hz, 9.1A; or Input Voltage: 220V - 240V AC, 50 - 60Hz, 4.7A; **Consumption**: 704.5 watts (Printing), 18.7 watts (Ready), 0.71 watts (Sleep), 0.02 watts (Auto-Off), 0.02 watts (Off); **Typical Electricity Consumption (TEC)**[10]: 0.494 kWh/Week (Blue Angel); 0.542 kWh/Week (ENERGY STAR 3.0); **Power supply type**: Built-in 3-Pin 115V or 220V Internal Power Supply
Energy savings feature technology	HP Auto-Off Technology; Instant-on Technology; Instant-on Copy; Power save; TerraJet Toner
Certifications[8]	UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. **Electromagnetic emission standard**: CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019 + A11:2021, EN IEC 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries. CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS **Blue Angel compliant**[9] Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic
Country of origin	Czech Republic
What's in the box	675S3A HP LaserJet Enterprise MFP 5602dn MFP; HP Original LaserJet Introductory Toner Cartridge (~6,000 pages); Regulatory flyer Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers
Warranty	One-year, onsite warranty service. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region. (warranty code 4G; warranty ID A001)

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 published features as of June 2025 of competitive in-class printers. Only HP offers a combination of security features to automatically detect, isolate, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. Printers are most vulnerable to attack when they are booting up and during runtime (when the printer is in sleep mode and in use). Only HP Enterprise printers protect the device during 100% of the printer's life with Sure Start BIOS protection, Memory Shield with hardware-based Runtime Intrusion Detection and Control Flow Integrity to detect and recover from zero-day threats in addition to Connection Inspector network behavioral anomaly detection all with self-healing recovery. For a list of compatible products, visit hp.com/go/PrintersThatProtect For more information, visit 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] Not all MFPs may be compatible with Workpath apps. To enable HP AI Solutions, some devices may require optional accessory or firmware to be upgraded. Not all apps may be available in all locations. Subscription, professional services or licenses may be required.
[5] Guided Redaction estimated to be available Spring 2026 on select Flow MFPs (HP LaserJet Enterprise Flow MFP 5602zfw). Requires latest HP FutureSmart firmware and the purchase of the HP Workflow Accelerator Card accessory. Telephone and Social Security Number fields are optimized for North America and select European countries.
[6] Not all MFPs may be compatible with Workpath apps. To enable HP Scan AI Enhanced, license is required. Personalized content and integration functions are applicable to supported HP Workpath apps only.
[7] Available as standard on Flow MFP models (HP LaserJet Enterprise Flow MFP 5602zfw).
[8] HP Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.
[9] Delivered through implementation of HP Authentication Suite for Workpath-enabled devices and devices with embedded Protected Access both providing passwordless multifactor authentication for Microsoft Entra ID environments. Device identity provided by deployment of device certificates using HP Security Manager software, sold separately.
[10] Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, post-quantum digital signature, and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class Printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025.
[11] Energy reduction in HP LaserJet Enterprise 5501-5502 and 5601-5602 with HP Original 159 TerraJet Toner Cartridges compared to predecessor HP LaserJet Enterprise M507 and M528 with HP Original 89 Toner Cartridges. Calculated in 2026 based on normalized Energy Star® Typical Electricity Consumption (TEC) data. See hp.com/TerraJet/energysaving for more information.
[12] HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines. Based on US, Canada, India, and Australia EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.energystar.gov/productfinder for more information on models of the HP LaserJet Enterprise 5500/MFP 5600 series that are ENERGY STAR certified in North America. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. HP printer, HP paper and Original HP supply - Blue Angel DE-UZ 219 Emissions Criteria.
[13] Recycled plastic in Original HP 159 and 160 TerraJet Toner Cartridges measured in 2026 and expressed as a percentage of total weight of plastic. See hp.com/TerraJet/plasticreductions for more information.
[14] Program availability varies. For more information, visit hp.com/hprecycle.

Technical specifications disclaimers

[1] Additional storage may be added up to 512 GB SSD.
[2] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[3] HP recommends that the number of scanned pages per month be within the stated range for optimum device performance.
[4] 75 gsm
[5] 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]. Open Office XML and other editable OCR formats require optional HP Editable OCR license.
[6] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application and document complexity.
[7] Power consumption values based on measurement of 115 V device. 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.
[8] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks.
[9] 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 115 V device and 230 V for Blue Angel.
[10] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
[11] Citrix Server versions updates release every quarter, for updates see https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/ ; Citrix XenApp & XenDesktop versions updates release every quarter, for updates see https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/ ; Citrix Ready Kit Certification - see http://citrixready.citrix.com for the latest qualification for HP Printers.
[12] With print cartridges.
[13] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
[14] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[15] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[16] Device first page out time based on HP internal measurement of printer activation until page exit. Measurement based on industry-standard ISO/IEC 17629 can be found at http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[17] Up to 120,000 pages.
[18] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. The range shown is based on 60 months of output for the lower monthly value and 12 months of output for the higher monthly value.
[19] Active Printing measured on worse case bundle/mode, printing A4 simplex at 50 ppm. Active Scan measured on worse case bundle/mode, scanning A4 Color Simplex to USB storage at 58 ppm.
[20] Envelope feeder available as an accessory kit and requires that an additional Tray must be present in the Tray 3 position. Additional trays can be ordered as accessories to suit your requirements.

© Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

ch-en May 2026