Datasheet | NA

HP LaserJet Enterprise MFP 8601 Printer series

The ultimate workflow experience—HP's most advanced tech for easy management.[1]

Boost office productivity with blazing-fast print and scan speeds, and effortless management.

Rely on exceptional performance

- Text editing has never been easier. Quickly scan and convert documents to Office formats with Editable OCR.[2]
- Stay productive and always ready for what's next with upgradeable HP FutureSmart features.[3]
- Save time with blazing-fast scan speeds up to 300 ipm[4], and enjoy high-quality prints at speeds up to 70 ppm. [5]

Secure what matters

- Your work is secure with HP Wolf Security[6], silently detecting and repairing your printer from cyber attacks.
- Protect your network with the world's first quantum-resistant business printers.[6]
- Keep your data safe with the built-in HP Trusted Platform Module[7]. Secure passwords, keys, and more.

Simplify print management

- Receive an easy-to-install printer at your office. No third-party technician needed.
- Easily maintain on your own—or get assistance from HP Services when you need it.
- Simplify management with long-lasting consumables and parts that minimize intervention.

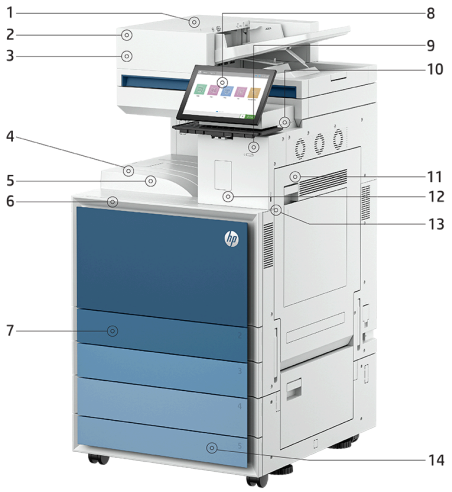
Hit sustainability targets

- Our energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star and Blue Angel.[8]
- With HP Planet Partners, we offer a convenient way to recycle HP supplies after their use.[9]
- With every page you print, HP invests in helping to protect, manage, and restore forests.[10]

[1] The HP LaserJet Enterprise 8801/8601/8501 printer series is the top-tier model in our HP Enterprise portfolio, featuring the highest print and scan speeds, along with advanced printing solutions for easy print management. [2] Only available on z, z+, and zb+ [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] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [5] 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. [6] HP Security is now HP Wolf Security. Security features vary by platform, please see product data sheet for details. 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 2024 published features of competitive in-class printers. Only HP offers multiple security features that 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. For more information, visit: hp.com/go/PrinterSecurityClaims. HP Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager. Post Quantum Cryptography (PQC): Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, and BIOS-level 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 as of 2025. PQC will be available in Fall'25 with Firmware 25.9.2.2+. [7] Use of the HP Trusted Platform Module may require a firmware upgrade. [8] 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.epeat.net for more information. 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. [9] Program availability varies. For more information, visit hp.com/hprecycle. [10] HP works collaboratively with our partners including WWF and Conservation International to manage, restore, and protect forests in many countries around the world. With HP, every print—regardless of paper brand—is addressed through HP's Forest Positive Framework to counteract risks of deforestation. To learn more visit hp.com/forestfirst.

Product walkaround

1. 300-sheet ADF (only for flow models)
2. Flatbed scanner handles sheets up to 11x17-inch (297x432mm)
3. Print, scan, copy, fax
4. 500-sheet output bin (only for dn/z models)
5. 70 ppm
6. Automatic, 2-sided color printing
7. HP Wolf Enterprise Security
8. 10.1-inch color touchscreen
9. Power button
10. Full size keyboard (Flow models only)
11. Right door access to the print path
12. Hardware Integration Pocket
13. Easy access USB port
14. 2,180-sheet input



Series at a glance

Model	HP LaserJet Enterprise MFP 8601dn	HP LaserJet Enterprise Flow MFP 8601z	HP LaserJet Enterprise Flow MFP 8601z+	HP LaserJet Enterprise Flow MFP 8601zb+
Product number	9S186A	9S185A	AQ1E3A[1]	BD5G9A[2]
Functions	Print, copy, scan, fax (opcional)	Print, copy, scan, fax		
Print speed	70 ppm			
Scan speed	Up to 90 ppm / 180 ipm	Up to 150 ppm / 300 ipm		
ADF capacity	Up to 200 sheets	Up to 300 sheets		
Input capacity	Maximum: 2,180 sheets			
Recommended Monthly Page Volume	60,000			
Advance workflow features	N/A	Advanced Flow Technology		
Finisher	N/A		Stapler/Stacker Finisher included	Booklet Finisher included

[1] z+ SKU will be available fall 2025
[2] zb+ SKU will be available early 2026

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. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

Top features

Be more productive with the fastest scan speeds and HP's latest, easy-to-use features.

Rest assured with the world's most secure printers[6] that protect, detect and self-recover.

A no-stress solution: effortless to buy, set up and manage.

Reduce your environmental impact before, during, and after use.

Accessories

2NR12A	HP LaserJet 512 GB SED-TAA Full Kit SSD
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
478C2A	HP Printing Voice Assistant
4QL32A	HP Legic Secure USB Reader
7ZA08A	HP MFP 800 Analog Single Fax
8FP31A	HP Jetdirect LAN Accessory
9R1U0A	HP JetDirect 3200w Wifi 6 Bluetooth Wireless Accessory
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
Y1G13A	HP LaserJet Inner/Booklet Staples
Y1G14A	HP LaserJet Stapler/Stacker Finisher Staples

Supplies

9U1Q5A	HP LaserJet Toner Collection Unit
W1760A	HP 176A Black Original LaserJet Toner Cartridge
W1766A	HP 176A LaserJet Black Original Imaging Drum

Solutions

Workflow: HP Capture & Route; Upland Intelligent Capture; Upland Filebound

Security: HP Access Control; HP Security Manager; HP Advance; HP Secure Print and Insights

Mobile and universal print: HP Universal Print Driver (UPD)

Management: Embedded Web Server

Services

UF8H6E - HP 3 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8H7E - HP 4 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8H8E - HP 5 year Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8H9PE - HP 1 year Post Warranty Next Business Day Onsite with DMR Service for LaserJet Enterprise MFP 8601

UJ1F4E - HP 3 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1F5E - HP 4 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1F6E - HP 5 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1F7PE - HP 1 year Post Warranty NBD Onsite with Preferred Access and DMR Service for LaserJet Ent MFP 8601

UF8J4E - HP 3 year 4 hour Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8J5E - HP 4 year 4 hour Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8J6E - HP 5 year 4 hour Onsite with DMR Service for LaserJet Enterprise MFP 8601

UF8J7PE - HP 1 year Post Warranty 4 hour Onsite with DMR Service for LaserJet Enterprise MFP 8601

UJ1F8E - HP 3 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1F9E - HP 4 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1G0E - HP 5 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise MFP 8601

UJ1G1PE - HP 1 year Post Warranty 4 hour Onsite with Preferred Access and DMR Service for LaserJet Ent MFP 8601

UF8J0E - HP 3 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 8601

UF8J1E - HP 4 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 8601

UF8J2E - HP 5 year Parts Exchange with DMR Service for LaserJet Enterprise MFP 8601

UF8J3PE - HP 1 year Post Warranty Parts Exchange with DMR Service for LaserJet Enterprise MFP 8601

U9JT3E - HP Installation Service with network configuration for Department Printer (1 unit)

UF8J9E - HP Maintenance Kit Replacement Service for LaserJet Enterprise MFP 8601 Fuser Kit 110v

UF8K0E - HP Maintenance Kit Replacement Service for LaserJet Enterprise MFP 8601 Fuser Kit 220v

[6] HP Security is now HP Wolf Security. Security features vary by platform, please see product data sheet for details. 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 2024 published features of competitive in-class printers. Only HP offers multiple security features that 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. For more information, visit: hp.com/go/PrinterSecurityClaims. HP Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager. Post Quantum Cryptogaphy: Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, and BIOS-level 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 as of 2025.

HP LaserJet Enterprise MFP 8601 Printer series

Model	HP LaserJet Enterprise MFP 8601dn	HP LaserJet Enterprise Flow MFP 8601z	HP LaserJet Enterprise Flow MFP 8601z+	HP LaserJet Enterprise Flow MFP 8601zb+
Product number	9S186A	9S185A	AQ1E3A[1]	BD5G9A[2]
AIO functions	Print, copy, scan, fax (optional)	Print, copy, scan, fax		
Print				
Print speed[5, 6],	**First page out Letter:** As fast as 5.3 sec Black; **First page out A4:** As fast as 5.3 sec Black; **Letter:** Up to 70 ppm Black; **A4:** Up to 70 ppm Black; **2-sided Letter:** Up to 70 ipm Black; **2-sided A4:** Up to 70 ipm Black			
Print resolution	**Black (normal)** Up to 600 x 600 dpi; **Black (fine lines)** Up to 1,200 x 1,200 dpi			
Print technology	Laser; **Print resolution technology:** 1,200 x 1,200 dpi (Fine lines); 600 x 600 dpi (Normal); 300 x 300 dpi (Quick view)			
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			
Printer management	HP Web JetAdmin Software, HP Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration, Utility - Driver, Deployment Utility - Managed Printing Administrator)			
Scan				
Scan type / Technology	**Type:** Flatbed, ADF; **Technology:** Platen Scanner CCD Digital-CIS; **Twain version:** Version 2.4			
Scan resolution	**Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 x 600 dpi			
Scan file format	JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression PDF (OCR); High-Compression PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR)	JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression PDF (OCR); High-Compression PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR); CSV (OCR); HTML (OCR); Open Office XML (.docx, .xlsx, .pptx); RTF (OCR); TEXT (OCR); Unicode TEXT (OCR)		JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression PDF (OCR); High-Compression PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR); TEXT (OCR); Unicode TEXT (OCR); RTF (OCR); HTML (OCR); CSV (OCR)
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)			
Scan Size	**ADF:** 11 x 17 in Maximum; 2.7 x 5 in Minimum; **Flatbed:** 11.69 x 17 in			
Scan speed[1]	Up to 90 ipm Letter; Up to 90 ipm A4; **Duplex:** Up to 180 ipm Letter; Up to 180 ipm A4	Up to 150 ipm Letter; Up to 150 ipm A4; **Duplex:** Up to 300 ipm Letter; Up to 300 ipm A4		
Scanner advanced features [4]	Embedded OCR; Automatically straighten	Embedded OCR; optimize text/picture (auto); scan to multi-destination; automatic tone; auto orientation; multi-feed detection; reverse and retry; document editing; auto paper color removal; job separation (blank page, barcode); watermark; stamps		
Bit depth / Grayscale levels	24-bit / 256			
Digital sending standard features	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; job build; image preview; blank page suppression; automatically straighten; embedded OCR;	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; embedded OCR; optimize text/picture (auto); scan to multi-destination; automatic tone; auto orientation; multi-feed detection; reverse and retry; document editing; auto paper color removal; job separation (blank page, barcode); watermark; stamps		
Copy				
Copy speed[2]	**Letter:** Up to 70 cpm Black; **A4:** Up to 70 cpm Black; **First copy out Letter:** As fast as 2.7 sec Black; **First copy out A4:** As fast as 2.7 sec Black; **2-sided Letter:** Up to 70 ipm Black; **2-sided A4:** Up to 70 ipm Black			
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	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; optimized text/picture (auto); automatic tone; multi-feed detection; document editing; auto paper color removal		
Fax				
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; **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			
Connectivity				
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; PrinterOn Print			
Memory	**Standard:** 6 GB; **Maximum:** 6 GB			
Processor speed	1.6 GHz (Quad Core), 1.4 GHz (Dual Core)			
Storage	**Standard:** 256 GB SSD **Hard disk:** FIPS/CCC 500GB HDD as standard for 201/202 SKUs instead of 256GB SSD			
Duty cycle (monthly)	**Letter:** Up to 250,000 pages (printer); up to 250,000 pages (copier); **A4:** Up to 250,000 pages (printer); up to 250,000 pages (copier); **Recommended monthly page volume:** Up to 60,000			

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Product number	9S186A	9S185A	AQ1E3A[1]	BD5G9A[2]
Paper handling				
Input	**Standard:** 100-sheet multi-purpose tray, 4 x 520-sheet input tray; Up to 2,180 sheets (Tray 1: up to 100 sheets; Tray 2: up to 520 sheets; Tray 3: up to 520 sheets; Tray 4: up to 520 sheets; Tray 5: up to 520 sheets) ; Up to 50 envelopes; **Maximum:** Up to 2,180 sheets			
Output	Up to 500 sheets Standard; **Transparencies:** Up to 100 sheets; **Maximum:** Up to 500 sheets		Up to 3,250 sheets Standard; **Transparencies:** Up to 100 sheets; **Maximum:** Up to 3,250 sheets	Up to 2,250 sheets Standard; **Transparencies:** Up to 100 sheets; **Maximum:** Up to 2,250 sheets
Duplex Options	Automatic			
Auto document feeder capacity[3]	Standard, 200 sheets; **Duplex ADF scanning:** Yes, single pass duplex scanning	Standard, 300 sheets; **Duplex ADF scanning:** Yes, single pass duplex scanning		
Envelope feeder	No			
Standard paper trays	**Standard:** 5; **Maximum:** 5			
Media types	Plain, HP EcoEFICIENT, HP Matte 90 g, Light 60-74 g, Bond, Recycled, HP Matte 105 g, HP Matte 120 g, Mid-Weight 96-110 g, Heavy 111-130 g, Extra-Heavy 131-175 g, Card-stock 176-220 g, Light Paperboard 221-255 g, Paperboard 256-300 g, Heavy Paperboard, Mono Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Pre-punched, Colored			
Media weight	Tray 1, 2, 3: 16 to 86.5 lb (bond); Tray 4, 5: 16 to 80 lb			
Media sizes	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, Envelope Monarch; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k; Tray 4: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k; Tray 5: 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 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in; Tray 4: 5.5 x 7.17 to 12.59 x18 in; Tray 5: 5.5 x 7.17 to 12.59 x 18 in			
Dimensions (W x D x H)	23 x 27.4 x 45.6 in; 585 x 695 x 1158 mm; **Maximum:** 42.66 x 51.5 x 58.53 in; 1083.5 x 1308.1 x 1486.7 mm	23 x 27.4 x 46.8 in; 585 x 695 x 1189 mm; **Maximum:** 42.66 x 51.5 x 59.07 in; 1083.5 x 1308.1 x 1500.5 mm	50.9 x 27.4 x 46.8 in; 1293 x 695 x 1189 mm; **Maximum:** 66.03 x 51.5 x 59.07 in; 1677.2 x 1308.1 x 1500.5 mm	
Weight[9]	236.82 lb; 107.42 kg	248.51 lb; 112.72 kg	337.20 lb; 152.95 kg	385.63 lb; 174.92 kg
What's in the box	Installation guide; regulatory flyer; power cords; keyboard/overlay for z/z+; manual			
Page yield (set-up/inbox cartridges)	HP 176A Black LJ Starter Toner Cartridge (ISO Yield 25,000) W1760AS			
Replacement cartridges[7]	HP 176A Black LJ Toner Cartridge W1760A (ISO Yield 45,000)			
Orderable supplies	HP 176A Black Original LaserJet Toner Cartridge W1760A, HP 176A LaserJet Black Original Imaging Drum W1766A, HP LaserJet Toner Collection Unit 9U1Q5A, HP LaserJet ADF Maintenance Kit A91Z5A, HP 300 ADF Roller Replacement Kit J8J95A			
Warranty features	One-year, onsite warranty. Warranty and support options vary by product, country and local legal requirements.			
Energy star certified	Yes			
Ecolabels	IT ECO Declaration; Blue Angel; EPEAT® registered; ENERGY STAR® certified			IT ECO Declaration; EPEAT® registered; ENERGY STAR® certified
Control panel	10.1-in (25.65 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Speaker			
Software included	No software solutions are included in the Box only on http://hp.com, https://support.hp.com/			
Fonts and typefaces	84 scalable TrueType fonts			
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Windows 8.1			
Compatible network operating systems	Windows Server; Citrix; Linux			
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 supply required:** Input voltage: 110 to 127 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 12.0 A 220 to 240 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 7.0 A 100 VAC (+/-10%), 50/60 Hz (+/-3 Hz), (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption:** 1,088.16 watts (printing), 35.07 watts (ready), 0.74 watts (sleep), 0.13 watts (auto-off), 0.13 watts (manual-off); **Typical electricity consumption (TEC) number:** 1.032 kWh/Week			
Acoustics[8]	**Acoustic power emissions:** 7.1 B(A) (printing mono simplex A4 at 70 ppm)		**Acoustic power emissions:** 7.4 B(A) (printing mono simplex A4 at 70 ppm)	
Operating environment	**Operating temperature range:** 59 to 86°F ; **Recommended operating temperature:** 59 to 86°F ; **Storage temperature range:** 14 to 104°F ; **Operating humidity range:** 20 to 80% RH ; **Recommended operating humidity range:** 20 to 80% RH			
Security management	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate/Pre-shared Key authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates; Data: Storage Encryption, Encrypted PDF & Email, SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), HP Memory Shield™, Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs			
Country of origin	China(BBU, ABJ, BGM); Czech Republic(ACQ, B19, B09, B13, ABT); Mexico(BGJ, 202, 201)	China(ABJ, BBU, BGM); Czech Republic(B09, B19, B13, ACQ, ABT); Mexico(BGJ, 201, 202)	China(BBU, ABJ, BGM); Czech Republic(ABT, B13, B19, ACQ, B09); Mexico(202, 201, BGJ)	Mexico(BGJ, 201, 202)

[1] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[2] Based on HP internal evaluation measuring the time beginning from scan start to print page exit. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Additionally, for information of First Copy Out measured using ISO/IEC 29183, see http://www.hp.com/go/printerclaims.
[3] ADF Capacity is defined based on 75 g/m² paper.
[4] 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).
[5] 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.
[6] Based on HP internal evaluation measuring the time from print initiation to page exit. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Additionally, for information of First Page Out measured using ISO/IEC 17629, see hp.com/go/printer claims.
[7] 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.
[8] Acoustic values are subject to change. For current information see https://www.hp.com/support.
[9] Including Starter toner cartridge weight

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