



# HP LaserJet Enterprise MFP 8601 dn (9S186A)



## Overview

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

Say goodbye to time-consuming manual searches, quickly scan and find text with embedded OCR.[3]

### Simplify print management

Receive an easy-to-install printer at your office. No third-party technician needed.

### Secure what matters

Your work is secure with HP Wolf Security[6], silently detecting and repairing your printer from cyber attacks.

### Hit sustainability targets

Our energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star and Blue Angel.[8]

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[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.

[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.

[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](https://hp.com/go/PrintersThatProtect). For more information, visit: [hp.com/go/PrinterSecurityClaims](https://hp.com/go/PrinterSecurityClaims). HP Security Manager must be purchased separately. To learn more, please visit [hp.com/go/securitymanager](https://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+.

[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](http://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.*

## Specifications

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| <b>Print Resolution Technologies</b>     | 1,200 x 1,200 dpi (Fine lines); 600 x 600 dpi (Normal); 300 x 300 dpi (Quick view)  |
| <b>Print speed black (ISO, A4)</b>       | Up to 70 ppm  |
| <b>Print speed black (ISO, letter)</b>   | Up to 70 ppm  |
| <b>Print speed</b>                       | Print speed up to 70 ppm (black)  |
| <b>Bottom margin (A4)</b>                | 4.23 mm   |
| <b>Left margin (A4)</b>                  | 4.23 mm   |
| <b>Right margin (A4)</b>                 | 4.23 mm   |
| <b>Top margin (A4)</b>                   | 4.23 mm   |
| <b>Functions</b>                         | Print, copy, scan, fax (optional)   |
| <b>Duplex printing</b>                   | Automatic   |
| <b>Duty cycle (monthly, A4)</b>          | Up to 250,000 pages (printer); up to 250,000 pages (copier)   |
| <b>Duty cycle (monthly, letter)</b>      | Up to 250,000 pages (printer); up to 250,000 pages (copier)   |
| <b>Printer smart software features</b>   | Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB   |
| <b>Copier smart software features</b>    | Optimized text/picture (auto); auto tone; multi-feed detection; document editing; auto paper color removal  |
| <b>Scanner advanced features</b>         | 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   |
| <b>Energy savings feature technology</b> | Power save  |
| <b>Replacement cartridges</b>            | HP 176A Black LJ Toner Cartridge W1760A (ISO Yield 45,000) <sup>[7]</sup>   |
| <b>Connectivity, standard</b>            | 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)   |
| <b>Connectivity, optional</b>            | HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  |
| <b>Modem</b>                             | 33.6 kbps (fax modem max speed)   |
| <b>Network capabilities</b>              | Standard (built-in GIGABIT 10/100/1000T Ethernet)   |
| <b>Wireless capability</b>               | Optional, enabled with purchase of a hardware accessory   |
| <b>Mobile printing capability</b>        | Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; PrinterOn Print   |
| <b>Network protocols, supported</b>      | IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), AirPrint, SNMPv1/v2c/v3, HTTP, HTTPS, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, LLNMR, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; HP Web Services |
| <b>Software included</b>                 | No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> , <a href="https://support.hp.com/">https://support.hp.com/</a>   |

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| <b>Compatible Operating Systems</b>           | Windows 11; Windows 10; Windows Client OS; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Windows 8.1  |
| <b>Technical features</b>                     | ADF; Automatic two-sided printing; Color Touchscreen with Apps; ENERGY STAR®; Ethernet; Scan-to-cloud; Scan-to-email; Scan-to-folder   |
| <b>Energy star certified</b>                  | Yes  |
| <b>Ecolabels</b>                              | IT ECO Declaration; Blue Angel; EPEAT® registered; ENERGY STAR® certified  |
| <b>Blue Angel compliant</b>                   | Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies   |
| <b>Copy speed (black, normal quality, A4)</b> | Up to 70 cpm   |
| <b>Copy speed black (normal, letter)</b>      | Up to 70 cpm   |
| <b>Copy speed black duplex (A4)</b>           | Up to 70 ipm   |
| <b>Copy speed black duplex (Letter)</b>       | Up to 70 ipm   |
| <b>Digital sending standard features</b>      | 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; |
| <b>Fax Resolution Black (best)</b>            | Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)  |
| <b>Faxing</b>                                 | Optional   |
| <b>Scan speed (normal, A4)</b>                | Up to 90 ipm   |
| <b>Scan speed (normal, letter)</b>            | Up to 90 ipm   |
| <b>Scan file format</b>                       | 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) <sup>[4]</sup>  |
| <b>Scan input modes</b>                       | Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP)  |
| <b>Scan technology</b>                        | Platen Scanner CCD Digital-CIS   |
| <b>Scanner type</b>                           | Flatbed, ADF   |
| <b>Display area (imperial)</b>                | 8.54 x 5.34 in   |
| <b>Display area (metric)</b>                  | 21.7 x 13.56 cm  |
| <b>Display</b>                                | 10.1-in (25.65 cm) touchscreen, WXGA Color Graphic Display (CGD)   |
| <b>Dimensions (W x D x H)</b>                 | 585 x 695 x 1158 mm  |
| <b>Dimensions (W x D x H)</b>                 | 23 x 27.4 x 45.6 in  |
| <b>Weight</b>                                 | 107.42 kg <sup>[9]</sup><br>( <i>[9] Including Starter toner cartridge weight</i> )  |
| <b>Weight</b>                                 | 236.82 lb<br>( <i>[9] Including Starter toner cartridge weight</i> )   |

**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)

**Power supply type**

Internal (Built-in) power supply

**What's in the box**

Installation guide; regulatory flyer; power cords; keyboard/overlay for z/z+; manual

**Manufacturer Warranty**

One-year, onsite warranty. Warranty and support options vary by product, country and local legal requirements.

## Additional specifications

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| <b>ADF Capacity</b>   | 300  |
| <b>Acoustic power emissions (active scan)</b>                   | Base: 6.8 B(A) (ADF scan A4 at 90 ipm); Flow: 7.3 B(A) (ADF scan A4 at 150 ipm)  |
| <b>Acoustic power emissions (active, printing)</b>              | 7.1 B(A) (printing mono simplex A4 at 70 ppm)  |
| <b>Acoustic power emissions (ready)</b>                         | Inaudible  |
| <b>Acoustic power note</b>                                      | [8] Acoustic values are subject to change. For current information see <a href="https://www.hp.com/support">https://www.hp.com/support</a> .   |
| <b>Acoustic pressure emissions bystander (active scan)</b>      | Base: 54 dB(A) (ADF scan A4 at 90 ipm); Flow: 59 dB(A) (ADF scan A4 at 150 ipm)  |
| <b>Acoustic pressure emissions bystander (active, printing)</b> | 55 B(A) (printing mono simplex A4 at 70 ppm)   |
| <b>Acoustic pressure emissions bystander (ready)</b>            | Inaudible  |
| <b>Auto document feeder capacity footnote</b>                   | [3] ADF Capacity is defined based on 75 g/m <sup>2</sup> paper.  |
| <b>Auto fax reduction supported</b>                             | Yes  |
| <b>Automatic document feeder capacity</b>                       | Standard, 200 sheets <sup>[3]</sup>  |
| <b>Automatic paper sensor</b>                                   | No   |
| <b>Bit depth</b>  | 24-bit   |
| <b>Cable included</b>   | No, please purchase USB cable separately (EMEA, APJ, AMS, LATAM)   |
| <b>Capacity</b>   | 256 GB SSD   |
| <b>Cartons per layer</b>  | 1  |
| <b>Certifications and compliances</b>                           | UL/cUL (US/Canada), ACA (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 for China Compulsory Product Certification - CCC (China), Bureau of Indian Standards - BIS Registration (India), PSB Singapore, Eastern European country approvals, CE Marking and other Safety & EMC certification approvals as required by individual countries. |
| <b>Color or black</b>   | Black and white  |
| <b>Color scanning</b>   | Yes  |
| <b>Compatible Network Operating Systems</b>                     | Windows Server; Citrix; Linux  |
| <b>Control panel</b>  | 10.1-in (25.65 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Speaker   |
| <b>Copier scaling (ADF)</b>                                     | 25 to 200%   |

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| <b>Copier settings</b>                      | 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   |
| <b>Copies, maximum</b>                      | Up to 9999 copies  |
| <b>Copy reduce / enlarge settings</b>       | 25 to 400%   |
| <b>Copy resolution (black text)</b>         | Up to 600 x 600 dpi  |
| <b>Copy speed black (normal, A3)</b>        | Up to 35 cpm   |
| <b>Copy speed black (normal, Tabloid)</b>   | Up to 35 cpm   |
| <b>Copy speed note</b>                      | [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 <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> .  |
| <b>Count of layers in pallet</b>            | 1  |
| <b>Distinctive ring detection supported</b> | No   |
| <b>Downloadable software</b>                | From <a href="http://hp.com">http://hp.com</a> for Windows OS - Full-solution software and drivers, Basic-solution software and drivers, Product Documentation and Support; From <a href="http://hp.com">http://hp.com</a> for Mac OS-, HP Mac OS Print Driver, HP Easy Admin; From <a href="http://hp.com">http://hp.com</a> for printer administrators-, Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows; For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> ; HP Web JetAdmin, HPLIP Linux, Printer Driver for more information see <a href="https://developers.hp.com/hp-linux-imaging-and-printing/install">https://developers.hp.com/hp-linux-imaging-and-printing/install</a> ; For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, Supported Operating systems; For more information on the supported operating systems also see <a href="https://support.hp.com/us-en/drivers/hp-universal-print-driver-series-for-windows/503548">https://support.hp.com/us-en/drivers/hp-universal-print-driver-series-for-windows/503548</a> , HP PrintScanDr, HP WebJetAdmin + Workpath, HP Command Center, Android Plug-in |
| <b>Driver updates</b>                       | Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <a href="https://support.hp.com/">https://support.hp.com/</a> (country/region may need to be selected), Select "Software and Drivers", Select "Printer", Enter a product name/number, (The operating system is automatically detected), Select a driver or other software, Select "Download" for the software desired  |
| <b>Duplex ADF scanning</b>                  | Yes, single pass duplex scanning   |
| <b>Dynamic security</b>                     | Dynamic security enabled printer   |

**Electromagnetic compatibility**

CISPR 22:2008 (International) - Class A, CISPR 32:2015 (International) - Class A, EN 55032: 2015 (EU) - Class A, CISPR 11:2016, EN 55011:2016, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1:2019, EN 55024: 2010+A1:2015, EN 55035:2017+A11:2020, EN60601-1-2:2015, EMC Directive 2014/30/EU, FCC CFR 47 Part 15 Class A / ICES-003, Issue 7:2020 Class A, Other EMC approvals as required by individual countries

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| <b>Enhanced scanning resolution</b>         | Up to 600 x 600 dpi  |
| <b>Envelope Feeder</b>                      | No   |
| <b>FCC Class A emissions</b>                | FCC Class A emissions - for use in commercial environments, not residential environments   |
| <b>Fax Auto Redial</b>                      | Yes  |
| <b>Fax Broadcast Locations</b>              | 210  |
| <b>Fax PC Interface Supported</b>           | Yes  |
| <b>Fax Polling</b>                          | Yes (poll to receive only)   |
| <b>Fax Remote Retrieval</b>                 | No   |
| <b>Fax Speed Dials, Maximum Number</b>      | Up to 1000 numbers (each with 210 destinations)  |
| <b>Fax Transmission Speed</b>               | 33.6 kbps  |
| <b>Fax delayed sending</b>                  | No   |
| <b>Fax forwarding</b>                       | Yes  |
| <b>Fax memory</b>                           | Up to 500 pages  |
| <b>Fax memory</b>                           | Up to 500 pages  |
| <b>Fax phone TAM interface supported</b>    | No   |
| <b>Fax resolution black</b>                 | Up to 203 x 196 dpi  |
| <b>Fax telephone mode supported</b>         | No   |
| <b>Fax transmission speed (letter)</b>      | 3 sec per page   |
| <b>File Format Supported</b>                | 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) |
| <b>Finished output handling</b>             | Stacking; stapling; booklet making   |
| <b>First copy out black (A4)</b>            | As fast as 2.6 sec   |
| <b>First copy out black (A4, sleep)</b>     | As fast as 11.1 sec (15 min)   |
| <b>First copy out black (letter)</b>        | As fast as 2.6 sec   |
| <b>First copy out black (letter, sleep)</b> | As fast as 11.1 sec (15 min)   |
| <b>First page out black (A4, ready)</b>     | As fast as 5.3 sec   |
| <b>First page out black (A4, sleep)</b>     | As fast as 12.9 sec (15 min)   |
| <b>First page out black (letter, ready)</b> | As fast as 5.3 sec   |
| <b>First page out black (letter, sleep)</b> | As fast as 12.9 sec (15 min)   |

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| <b>First page out footnote</b>            | [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 <a href="http://hp.com/go/printer">hp.com/go/printer</a> claims.   |
| <b>Fonts and typefaces</b>                | 84 scalable TrueType fonts   |
| <b>Input capacity</b>                     | 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)  |
| <b>Internal Storage</b>                   | None   |
| <b>Junk fax barrier</b>                   | Yes  |
| <b>Levels of grayscale</b>                | 256  |
| <b>Mac compatible</b>                     | Yes  |
| <b>Maximum Input Capacity (envelopes)</b> | Up to 50 envelopes   |
| <b>Maximum Memory</b>                     | 6 GB   |
| <b>Maximum dimensions (W x D x H)</b>     | 42.66 x 51.5 x 58.53 in  |
| <b>Maximum dimensions (W x D x H)</b>     | 1083.5 x 1308.1 x 1486.7 mm  |
| <b>Maximum input capacity (sheets)</b>    | Up to 2,180 sheets   |
| <b>Maximum metric depth</b>               | 972  |
| <b>Maximum metric height</b>              | 1364   |
| <b>Maximum metric width</b>               | 890  |
| <b>Maximum output capacity (sheets)</b>   | Up to 500 sheets   |
| <b>Maximum print area</b>                 | 311.5 x 448.7 mm   |
| <b>Media size (ADF)</b>                   | Legal, oficio, executive, statement, ledger, A3, A4, A4R, A5, A6, B4, B5, B6, 16K, Dpostcard (JIS)   |
| <b>Media size, tray 1</b>                 | A3, A4, A4R, A5, A5R, A6, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), B6 (JIS), 10x15cm, Oficio, 8K, 16k, Postcard (JIS), Postcard (JIS), Envelope B5, Envelope C5, Envelope C6, Envelope DL   |
| <b>Media size, tray 2</b>                 | A4, A5, A5R, A6, B6 (JIS), 10x15cm, Envelope C5, Envelope C6, Envelope DL  |
| <b>Media size, tray 3</b>                 | A3, A4, A4R, A5, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k   |
| <b>Media sizes supported</b>              | 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 |

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| <b>Media sizes supported</b>                     | Tray 1: A3, A4, A4R, A5, A5R, A6, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), B6 (JIS), 10x15cm, Oficio, 8K, 16k, Postcard (JIS), Postcard (JIS), Envelope B5, Envelope C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, A5R, A6, RA4, B4 (JIS), B5 (JIS), B6(JIS), Oficio, 8K, 16k, Envelope B5, Envelop C5, Envelope C6, Envelope DL; Tray 3: A3, A4, A4R, A5, RA3, RA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k; Tray 4: A3, A4, A4R, A5, RA3, RA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k; Tray 5: A3, A4, A4R, A5, RA3, RA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k    |
| <b>Media sizes supported, key</b>                | 4 x 6 in; Letter; Legal; 11 x 17 in; Envelopes  |
| <b>Media sizes supported, key</b>                | A4; A3; Envelopes; 10 x 15 cm   |
| <b>Media sizes, custom</b>                       | Tray 1: 98 x 139.7 to 320 x 457.2 mm; Tray 2: 98 x 139.7 to 297 x 390 mm; Tray 3: 140 x 182 to 320 x 457.2 mm; Tray 4: 140 x 182 to 320 x 457.2 mm; Tray 5: 140 x 182 to 320 x 457.2 mm   |
| <b>Media sizes, custom</b>                       | 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 x 18 in; Tray 5: 5.5 x 7.17 to 12.59 x 18 in  |
| <b>Media type and capacity, ADF</b>              | Sheets: 200   |
| <b>Media type and capacity, tray 1</b>           | Sheets: 100; transparencies: 20; envelopes: 10  |
| <b>Media type and capacity, tray 2</b>           | Sheets: 520; transparencies: 100; envelopes: 40   |
| <b>Media type and capacity, tray 3</b>           | Sheets: 520; transparencies: 100  |
| <b>Media types</b>                               | Plain, HP EcoEFICIENT, HP Matte 90 g, Light 60-74 g, Bond, Recycled, HP Matte 105 g, HP Matte 120 g, HP Soft Gloss 120 g, HP Glossy 120 g, Mid-Weight 96-110 g, Heavy 111-130 g, Mid-WtGlossy 96-110 g, Heavy Glossy 111-130 g, HP Matte 150 g, HP Glossy 150 g, Extra Heavy 131-175 g, XHvyGlossy 131-175 g, HP Matte 200 g, HP Glossy 200 g, Card-stock 176-220 g, Card Glossy 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 |
| <b>Media weight (tray 1)</b>                     | 60 to 325 g/m <sup>2</sup>  |
| <b>Media weight (tray 2)</b>                     | 60 to 325 g/m <sup>2</sup>  |
| <b>Media weight (tray 3)</b>                     | 60 to 325 g/m <sup>2</sup>  |
| <b>Media weight, supported</b>                   | Tray 1, 2, 3: 60 to 325 g/m <sup>2</sup> ; Tray 4, 5: 60 to 300 g/m <sup>2</sup>  |
| <b>Media weight, supported</b>                   | Tray 1, 2, 3: 16 to 86.5 lb (bond); Tray 4, 5: 16 to 80 lb  |
| <b>Media weights, supported ADF</b>              | 12 to 53 lb   |
| <b>Media weights, supported ADF</b>              | 45 to 199 g/m <sup>2</sup>  |
| <b>Memory</b>                                    | 6 GB  |
| <b>Metric depth</b>                              | 972   |
| <b>Metric height</b>                             | 1364  |
| <b>Metric width</b>                              | 890   |
| <b>Minimum System Requirements</b>               | 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com   |
| <b>Minimum System Requirements for Macintosh</b> | 2 GB available hard drive space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see apple.com   |
| <b>Model number</b>                              | 8601dn  |

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| <b>Native scan file format</b>              | JPG; MTIFF; PDF; TIFF  |
| <b>Number of users</b>                      | Over 25 Users  |
| <b>Operating humidity range</b>             | 20 to 80% RH   |
| <b>Operating temperature range</b>          | 59 to 86°F   |
| <b>Operating temperature range</b>          | 15 to 30°C   |
| <b>Orderable supplies</b>                   | 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          |
| <b>Output capacity</b>                      | Up to 500 sheets   |
| <b>Package dimensions (W x D x H)</b>       | 890 x 972 x 1364 mm  |
| <b>Package dimensions (W x D x H)</b>       | 35 x 38.3 x 53.7 in  |
| <b>Package weight</b>                       | 146.92 kg  |
| <b>Package weight</b>                       | 323.9 lb   |
| <b>Page yield (set-up/inbox cartridges)</b> | HP 176A Black LJ Starter Toner Cartridge (ISO Yield 25,000) W1760AS  |
| <b>Pallet dimensions</b>                    | 35 x 38.3 x 53.7 in  |
| <b>Pallet dimensions (W x D x H)</b>        | 890 x 972 x 1364 mm  |
| <b>Pallet weight</b>                        | 146.92 kg  |
| <b>Pallet weight</b>                        | 323.9 lb   |
| <b>Paper handling input, standard</b>       | 100-sheet multi-purpose tray, 4 x 520-sheet input tray   |
| <b>Paper handling output, standard</b>      | Up to 500 sheets   |
| <b>Paper trays, maximum</b>                 | 5  |
| <b>Paper trays, standard</b>                | 5  |
| <b>Power</b>                                | 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) |
| <b>Print Cartridges/Bottle, Number</b>      | 1 (black)  |
| <b>Print Technology</b>                     | Laser  |
| <b>Print colors</b>                         | No   |
| <b>Print languages</b>                      | HP PCL 5e, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible  |
| <b>Print quality black (normal)</b>         | Up to 600 x 600 dpi  |
| <b>Print resolution black (fine lines)</b>  | Up to 1,200 x 1,200 dpi  |
| <b>Print speed black (normal, A3)</b>       | Up to 35 ppm   |
| <b>Print speed black (normal, tabloid)</b>  | Up to 35 ppm   |
| <b>Print speed duplex (A4)</b>              | Up to 70 ipm   |
| <b>Print speed duplex (letter)</b>          | Up to 70 ipm   |

**Print speed footnote (A3/Tabloid)**

[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.

|   |   |
|---|---|
| <b>Print technology</b>                             | Laser   |
| <b>Printer Management</b>                           | 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) |
| <b>Processor speed</b>                              | 1.6 GHz (Quad Core), 1.4 GHz (Dual Core)  |
| <b>Product long name specifications</b>             | HP LaserJet Enterprise MFP 8601dn, Black and white Printer for Enterprise, Print, copy, scan, fax (optional), Automatic document feeder; Front USB flash drive port; Scan to email; Two-sided printing; Scan to PDF; Touchscreen; Two-sided scanning  |
| <b>Product short name specifications</b>            | HP LaserJet Enterprise 8601dn Multifunction Black and white Printer, Only Ethernet; Duplex; Copier, Scanner   |
| <b>Quantity per pallet</b>                          | 1   |
| <b>RMN number</b>                                   | SEOLA-1905-02   |
| <b>Recommended media weight (duplex)</b>            | 60 to 300 g/m <sup>2</sup>  |
| <b>Recommended media weight (duplex)</b>            | 16 to 79.5 lb   |
| <b>Recommended monthly page volume</b>              | Up to 60,000  |
| <b>Recommended operating humidity range</b>         | 20 to 80% RH  |
| <b>Recommended operating temperature range</b>      | 59 to 86°F  |
| <b>Recommended operating temperature range</b>      | 15 to 30°C  |
| <b>Replacement cartridges footnote</b>              | [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 <a href="http://www.hp.com/go/learnaboutesupplies">http://www.hp.com/go/learnaboutesupplies</a> .   |
| <b>Resolution</b>                                   | 600 dpi   |
| <b>Resolution (black and white, standard mode)</b>  | 203 x 98 dpi  |
| <b>Resolution (black and white, superfine mode)</b> | Up to 300 x 300 dpi   |
| <b>Resolution (black photo grayscale)</b>           | 300 x 300 dpi (400 x 400 dpi for received faxes only)   |

|  |  |
|--|--|
| <b>Safety</b>                              | IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 62368-1:2018; EN 62368-1:2020+A11:2020 (EU); EN 60825-1:2014 / IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; EN 62471:2008 / IEC 62471:2006; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007 Other safety approvals as required by individual countries   |
| <b>Scan file format footnote</b>           | [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).   |
| <b>Scan resolution, hardware</b>           | Up to 600 x 600 dpi  |
| <b>Scan resolution, optical</b>            | Up to 600 x 600 dpi  |
| <b>Scan size (ADF), maximum</b>            | 297 x 420 mm   |
| <b>Scan size (ADF), maximum</b>            | 11 x 17 in   |
| <b>Scan size (ADF), minimum</b>            | 2.7 x 5 in   |
| <b>Scan size (ADF), minimum</b>            | 68 x 127 mm  |
| <b>Scan size, maximum</b>                  | 297 x 432 mm   |
| <b>Scan size, maximum</b>                  | 11.69 x 17 in  |
| <b>Scan speed (normal, A3)</b>             | Up to 50 ipm   |
| <b>Scan speed (normal, tabloid)</b>        | Up to 50 ipm   |
| <b>Scan speed duplex (normal, A3)</b>      | Up to 100 ipm  |
| <b>Scan speed duplex (normal, A4)</b>      | Up to 180 ipm  |
| <b>Scan speed duplex (normal, Tabloid)</b> | Up to 100 ipm  |
| <b>Scan speed duplex (normal, letter)</b>  | Up to 180 ipm  |
| <b>Scan speed footnote</b>                 | [1] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.   |
| <b>Security management</b>                 | 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 |
| <b>Segment (filter)</b>                    | Enterprise   |

|   |   |
|---|---|
| <b>Software scan file format</b>                    | 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)   |
| <b>Standard media sizes (duplex)</b>                | A3; A4; A5; 8K; RA4; SRA3; B4 (JIS); B5 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio (216 x 340 mm); B4; B5; RA3; SRA4; A4R; A5R   |
| <b>Standard media sizes (duplex, imperial)</b>      | Letter; Letter-R; Legal; Statement; Executive; 11x17; 8K; 16k; Tabloid Extra; Oficio (8.5 x 13 in)  |
| <b>Standard output capacity (envelopes)</b>         | Up to 40 envelopes  |
| <b>Standard output capacity (transparencies)</b>    | Up to 100 sheets  |
| <b>Storage</b>                                      | 256 GB SSD  |
| <b>Storage temperature range</b>                    | 14 to 104°F   |
| <b>Storage temperature range</b>                    | -10 to 40°C   |
| <b>Target user and print volume</b>                 | For teams over 25 users; Prints up to 60,000 pages/month  |
| <b>Tariff numbers</b>                               | 8443310000  |
| <b>Telecom compliance (fax capability)</b>          | Optional telecom kit (BOSIB-1814-00 / BOISB-1814-01); TIA-968-B-3; FCC Part 68 (USA); IC CS-03 Part I Issue 9, Amendment 5, March 2016 (CANADA); ETSI ES 203 021-1 V2.1.1; ETSI ES 203 021-2 V2.1.2; ETSI ES 203 021-3 V2.1.2 (EU); TE-001 Issue 5 (South Africa); AS/CA S002"2010 (Australia); PTC 200:2006 (New Zealand), Other Telecom approvals as required by individual countries |
| <b>Telephone handset supported</b>                  | No  |
| <b>Top key features</b>                             | Two-sided printing; Two-sided scanning; Scan to email/PDF; Strong Security  |
| <b>Tray capacity</b>                                | 2180  |
| <b>Twain version</b>                                | Version 2.4   |
| <b>Typical electricity consumption (TEC) number</b> | 1.032 kWh/Week  |
| <b>UNSPSC code</b>                                  | 43212110  |
| <b>UPC number</b>                                   | (201) 198828506092; (202) 198828506139; (697) 198828506160; (ABJ) 198828506184; (ABT) 198828506207; (AC8) 198828506238; (ACQ) 198828506252; (B09) 198828506269; (B13) 198828506276; (B19) 198828506290; (BBU) 198828506320; (BGJ) 198828506344; (BGM) 198828506375  |
| <b>Warm-up time</b>                                 | 100 sec   |

**Warranty**

HP's Premium Protection Warranty. This HP product is warranted to be free from defects in materials and workmanship. This warranty does not apply to print cartridges that (a) have been refilled, refurbished, remanufactured or tampered with in any way, (b) experience problems resulting from misuse, improper storage, or operation outside of the published environmental specifications for the printer product or (c) exhibit wear from ordinary use. To obtain warranty service, please return the product to place of purchase (with a written description of the problem and print samples) or contact HP customer support. At HP's option, HP will either replace products that prove to be defective or refund your purchase price. TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTY IS EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ALLOWED BY LOCAL LAW, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

**Waste electrical and electronic weight**

107,650 g

**Web address for additional information**<http://www8.hp.com/us/en/printers/a3-multifunction.html>

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[3] ADF Capacity is defined based on 75 g/m<sup>2</sup> 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).

[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>.

[9] Including Starter toner cartridge weight

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## Ink/Toner/Paper/Printer Supplies

### HP Laser Toner Cartridges and Kits

★ : Recommended

#### HP Color Laser Toner Printer Cartridges

|   |         |
|---|---------|
| HP 176A Black Original LaserJet Toner Cartridge             | W1760A  |
| HP 176A LaserJet Black Original Imaging Drum                | W1766A  |
| HP W1760AC Black Contract Original LaserJet Toner Cartridge | W1760AC |

#### HP Laser Printer Supply Kits

|                                   |        |
|-----------------------------------|--------|
| HP LaserJet Toner Collection Unit | 9U1Q5A |
|-----------------------------------|--------|

### HP Home & Office Papers

#### HP Home & Office Papers for laser and inkjet

|   |          |
|---|----------|
| HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets  | HPM1720P |
| HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets | HPM1120R |
| HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets | HPM1420P |

## Accessories

### Cables/Cable Kits/Cable Adapters

★ : Recommended

#### Printer Cables

|                              |        |
|------------------------------|--------|
| HP Foreign Interface Harness | B5L31A |
|------------------------------|--------|

### Network Print Servers

#### External Print Servers

|   |        |
|---|--------|
| HP Jetdirect 3100w BLE/NFC/Wireless Accessory | 3JN69A |
|---|--------|

#### Internal Print Servers

|                            |        |
|----------------------------|--------|
| HP Jetdirect LAN Accessory | 8FP31A |
|----------------------------|--------|

### Paper Handling

#### Output Trays and Stackers

|  |        |
|--|--------|
| HP LaserJet Stapler/Stacker Finisher Staples | Y1G14A |
|--|--------|

### Accessory Bundles

#### Printer Accessibility Accessories

|                             |        |
|-----------------------------|--------|
| HP Printing Voice Assistant | 478C2A |
|-----------------------------|--------|

#### Data Security Accessories

|                                   |        |
|-----------------------------------|--------|
| HP Removable Hard Drive Enclosure | 2NR12A |
|-----------------------------------|--------|

### Security and Protection

#### Smart Cards and SmartCard Readers

|   |        |
|---|--------|
| HP SmartCard NIPRNet Solution for US Government | CC543B |
|---|--------|

|   |        |
|---|--------|
| HP SmartCard SIPRNet Solution for US Government | F8B30A |
|---|--------|

## Services

### Document & Printing

★ : Recommended

#### Print Management Software Solutions - Security

|                              |        |
|------------------------------|--------|
| HP HIP2 Keystroke Reader     | Y7C05A |
| HP Legic Secure USB Reader   | 4QL32A |
| HP USB Universal Card Reader | X3D03A |

#### Print Security Solutions

|                                       |        |
|---------------------------------------|--------|
| HP SIM for HID iClass for HIP2 Reader | Y7C07A |
|---------------------------------------|--------|

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