HP Color LaserJet Enterprise MFP 5800f Printer (6QN30A)

Overview

Powerfully compact. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. From print speeds to color panels, get flexible configurations to meet your needs today and tomorrow. All while protecting your business against evolving cyber threats.

More than a printer, in a compact footprint

Experience fast scanning speeds and ultimate productivity with up to 100 ipm[1] duplex scan technology.

Fast and seamless digitization

Customize your print experience with cloud-connected HP Workpath apps. Access personalized content and integrate paper and digital workflows.[4]

Customizable and scalable solutions [8]

Get the functionality you need with flexible printer configurations and easy-to- scale solutions. Optimize your device to meet your business needs and your budget.

Always on guard with HP Wolf Security

With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.

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[1] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Measured using standards found at: http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28_Test_Pages/

[4] Not all MFPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Not all apps may be available in all locations. Subscription may be required. Personalized content and integration functions are applicable to supported HP Workpath apps only.

[8] To learn more about configure to order options, contact your HP or Partner Representative.

Specifications

Print Resolution Technologies	HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi), Pantone Calibrated
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print quality color (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 43 ppm
Print speed black (ISO, letter)	Up to 45 ppm
Print Speed Color (ISO)	Up to 43 ppm
Print speed color (ISO)	Up to 45 ppm
Print speed	Print speed up to 45 ppm (black) and 45 ppm (color)
Functions	Print, copy, scan, fax
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 80,000 pages
Duty cycle (monthly, letter)	Up to 80,000 pages
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) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
Scanner advanced features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
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
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Replacement cartridges	HP 213A Black Original LaserJet Toner Cartridge (~3,500 pages) W2130A; HP 213A Cyan Original LaserJet Toner Cartridge (~3,000 pages) W2131A; HP 213A Yellow Original LaserJet Toner Cartridge (~3,000 pages) W2132A; HP 213A Magenta Original LaserJet Toner Cartridge (~3,000 pages) W2133A; HP 213X High Yield Black Original LaserJet Toner Cartridge (~9,000 pages) W2130X; HP 213X High Yield Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2131X; HP 213X High Yield Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2132X; HP 213X High Yield Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2133X; HP 213Y Extra High Yield Black Original LaserJet Toner Cartridge, (~18,000 pages) W2130Y; HP 213Y Extra High Yield Cyan Original LaserJet Toner Cartridge (~12,000 pages) W2131Y; HP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge (~12,000 pages) W2132Y; HP 213Y Extra High Yield Magenta Original LaserJet Toner Cartridge (~12,000 pages) W2133Y[2]

Supplies feature	TerraJet Cartridge
Connectivity, standard	1 Fax; 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)
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
Modem	33.6 kbps
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11a/b/g/n wireless networking (optional)
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)
Network protocols, supported	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™, 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
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com;
Compatible Operating Systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Chrome OS *(Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see)*
Technical features	Fax; Automatic document feeder; Automatic 2-sided printing; Bluetooth printing; Cloud-based fleet management; Color touchscreen with apps; ENERGY STAR®; Network printing; Fast first page out; Full ream of paper input; Google Cloud Print; HP Auto-on/Auto-off; TerraJet Toner; Private Print via PIN; Scan-to-cloud; Scan-to-email; Scan-to-folder; Touchscreen; Walk-up USB
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Energy star certified	Yes
Ecolabels	CECP; IT ECO Declaration; Blue Angel; SEPA; EPEAT® Gold registered; KOECO
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 43 cpm
Copy speed (color, normal quality, A4)	Up to 43 cpm
Copy speed black (normal, letter)	Up to 45 cpm
Copy speed color (normal, letter)	Up to 45 cpm
Copy speed black duplex (A4)	Up to 43 ipm
Copy speed black duplex (Letter)	Up to 45 ipm

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; auto page crop; job build; image preview; blank page suppression; automatically straighten
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes
Scan speed (normal, A4)	Up to 47 ppm/94 ipm (b&w), up to 47 ppm/94 ipm (color)
Scan speed (normal, letter)	Up to 50 ppm/100 ipm (b&w), up to 50 ppm/100 ipm (color)
Scan file format	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS[11]
Scan input modes	Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath Applications
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed ; ADF
Display area (imperial)	6.37 x 4.78 in
Display area (metric)	16.2 x 12.1 cm
Display	8.0 in (20.3 cm) Color Graphic Display (CGD) with touchscreen; rotating (adjustable display)
Minimum dimensions (W x D x H)	547 x 460 x 583 mm
Minimum dimensions (W x D x H)	21.5 x 18.1 x 23.0 in
Weight	~38.9 kg *(with supplies)*
Weight	~85.58 lb *(with supplies)*
Power consumption	655 watts (Printing/Copying), 50.1 watts (Ready), 0.9 watts (Sleep), 0.09 watts (Manual Off) *(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.)*
Power supply type	Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
What's in the box	HP Color LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~7,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~3,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord[1]
Manufacturer Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Additional specifications

ADF Capacity	Up to 100 sheets
Acoustic power emissions (active scan)	7.0 B(A)
Acoustic power emissions (active, printing)	6.3 B(A)
Acoustic power emissions (ready)	3.5 B(A)
Acoustic power note	Acoustic values are subject to change. For current information see https://www.hp.com/support. Configuration tested: simplex printing, A4 paper at an average of 44 ppm.
Acoustic pressure emissions bystander (active scan)	56 dB(A)
Acoustic pressure emissions bystander (active, printing)	51 dB(A)
Acoustic pressure emissions bystander (ready)	21 dB(A)
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 100 sheets
Automatic paper sensor	Yes
Bit depth	24-bit
Blue Angel footnote	[8] 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. Blue Angel value typically based on measurement of 230V device.
Bottom margin (A4)	4.3 mm
Business filter	cMPS
Capacity	32 GB eMMC by default; Optional 500 GB Hard Disk
Cartons per layer	2
Certifications and compliances	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.
Color scanning	Yes
Compatible Network Operating Systems	Windows Server; SAP; Novell; UNIX; Citrix
Component type	Printer

Configurable items	HP Color LaserJet Enterprise MFP 5800 Printer - Print: Up to 45 ppm black & 45 ppm color (letter); Up to 43 ppm color & 43 ppm black (A4); 50 ppm/100 ipm duplex, single-pass, dual-head scanning ADF; 650-sheets standard/2,300-sheets maximum paper input; Analog Fax; convenience stapler; 8 in (20.3 cm) color touch screen control panel; Up to 10,000 pages per month duty cycle; 6 GB RAM standard/maximum, 32 GB eMMC RAM storage; Gigabit Ethernet with optional Dual-band Wireless, Wifi-Direct and BLE; 9k black/6k CMY starter toner cartridges
Control panel	8.0 in (20.3 cm) touchscreen with color graphics
Copier scaling (ADF)	25 to 200%
Copier settings	Book Copy; Booklet; Build Job; Collation; Color; Content orientation; Copy preview; Darkness control; Default Original Size; Edge Erase; Edge-to-Edge; 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; Staple; Text; Text/Photo; Tray Selection; Two-sided copy; Watermark; reduce/enlarge; 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
Copies, maximum	Up to 9999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed color duplex (A4)	Up to 43 ipm
Copy speed color duplex (Letter)	Up to 45 ipm
Copy speed note	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.
Count of layers in pallet	3
Country of origin	Made in China; Made in Czech Republic; Made in Mexico; Made in India
Distinctive ring detection supported	No

Downloadable software	From http://123.hp.com-HP Easy Start (Guided Software Install for Windows and Mac) From http://hp.com for Windows OS- Full-solution software and drivers; Basic-solution software and drivers; HP PCL6 XPS Discrete Print Driver; Product Documentation and Support; From http://hp.com for Mac OS-; HP Mac OS Print Driver; HP Easy Admin; HP Universal Fax Driver; HP Universal Scan Solution; For Mobile OS-; iOS For more information see http://hp.com/go/businessmobileprinting; Android For more information see http://hp.com/go/businessmobileprinting; From http://hp.com 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 http://support.hp.com; SAP Print Drivers for more information see http://support.hp.com/us-en/document/c05051702; HP Web JetAdmin; Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html; Unix Model Script Printer Driver. For more information on the supported operating systems go to http://support.hp.com; 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 www.hp.com/go/upd; HP Smart Suite- Basic (Only supported on Windows 10 and above); HP Smart Suite- Advanced (Only supported on Windows 10 and above); HP SmartApp (Only supported on Windows 10 and above); HP SmartDriver; HP PrintScanDr; HP WebJetAdmin + Workpath; HP Command Center; Chrome Extension; Android Plug-in;
Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to https://www.hp.com/support/ (country/region may need to be selected) Select "Support" 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;
Duplex ADF scanning	Yes
Dynamic security	Dynamic security enabled printer
Ecolabels footnote	[3] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
Electromagnetic compatibility	CISPR 22:2008 (International) - Class A; CISPR 32:2015 (International) - Class A; / EN 55032:2015+A11:2020 (EU) - Class A; CISPR 35:2016 (International); EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019+A2:2021; FCC CFR 47 Part 15 Class A; ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.
Engine life	150000
Enhanced scanning resolution	Up to 600 dpi
Envelope Feeder	No
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Fax Auto Redial	Yes
Fax Broadcast Locations	0
Fax PC Interface Supported	Yes

Fax Polling	Yes (poll to receive only)
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 1000 numbers
Fax Transmission Speed	Up to 33.6 kbps
Fax Transmission Speed Note	[4] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax delayed sending	No
Fax forwarding	Yes
Fax memory	Up to 1000 pages
Fax memory	Up to 1000 pages
Fax phone TAM interface supported	No
Fax resolution black	Up to 203 x 196 dpi
Fax telephone mode supported	No
Fax transmission speed (letter)	3 sec per page[4]
File Format Supported	Hi-Compression PDF; MTIFF; PDF; PDF/A; TIFF; XPS; JPEG
Finished output handling	Sheetfed
First copy out black (A4)	As fast as 5.5 sec
First copy out black (A4, sleep)	As fast as 9.5 sec
First copy out black (letter)	As fast as 5.4 sec
First copy out black (letter, sleep)	As fast as 9.4 sec
First copy out color (A4)	As fast as 8.6 sec
First copy out color (A4, sleep)	As fast as 10.5 sec
First copy out color (letter)	As fast as 8.5 sec
First copy out color (letter, sleep)	As fast as 10.4 sec
First page out black (A4, ready)	As fast as 7.2 sec
First page out black (A4, sleep)	As fast as 7.9 sec
First page out black (letter, ready)	As fast as 6.7 sec
First page out black (letter, sleep)	As fast as 7.7 sec
First page out color (A4, ready)	As fast as 7.9 sec
First page out color (A4, sleep)	As fast as 8.6 sec
First page out color (letter, ready)	As fast as 7.4 sec
First page out color (letter, sleep)	As fast as 8.2 sec
First page out footnote	Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

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 available at http://www.hp.com/go/laserjetfonts
Input capacity	Up to 650 sheets
Internal Storage	Standard, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD
Junk fax barrier	Yes, up to 30 numbers may be blocked
Left margin (A4)	4.3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	6 GB
Maximum dimensions (W x D x H)	34.8 x 31.9 x 32.6 in
Maximum dimensions (W x D x H)	885 x 810 x 828 mm
Maximum input capacity (sheets)	Up to 2300 sheets
Maximum metric depth	810 mm
Maximum metric height	828 mm
Maximum metric width	885 mm
Maximum output capacity (sheets)	Up to 250 sheets
Maximum print area	207.4 x 1191.4 mm
Media size (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
Media size, tray 1	A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, Postcard (JIS), DPostcard (JIS), Envelopes (DL, C5, B5, C6); custom 64 x 127 to 216 x 1200 mm
Media size, tray 2	A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, DPostcard (JIS); custom 101 x 148 to 216 x 356 mm
Media size, tray 3	optional 1x550-sheet feeders: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, DPostcard (JIS); custom 101 x 148 to 216 x 356 mm
Media sizes supported	Tray 1: letter, legal, executive, statement, Oficio, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 9, No. 10, Monarch); Tray 2, optional 1x550-sheet feeders: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in
Media sizes supported	Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2, optional 1x550-sheet feeders: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard (JIS)
Media sizes supported, key	A4
Media sizes supported, key	Letter; Legal
Media sizes, custom	Tray 1: 2.52 x 5 to 8.5 x 47.24 in; Tray 2, optional 1x550-sheet feeders: 4 x 5.83 to 8.5 x 14 in

Media sizes, custom	Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm
Media type and capacity, ADF	Sheets: 100
Media type and capacity, tray 1	Paper: 100 sheets of 75 g/m² media; Envelopes: 10
Media type and capacity, tray 2	Paper: 550 sheets
Media types	Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined
Media weight (tray 1)	60 to 220 g/m² (plain), 120 to 220 g/m² (glossy)
Media weight (tray 2)	60 to 220 g/m² (plain); 120 to 220 g/m² (glossy)
Media weight (tray 3)	1x550-sheet feeders: 60 to 220 g/m² (plain); 120 to 220 g/m² (glossy)
Media weight, supported	Tray 1: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); Tray 2: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy)
Media weight, supported	Tray 1: 16 to 58 lb (plain), 32 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain), 32 to 58 lb (glossy); optional 550-sheet input trays: 16 to 58 lb (plain), 32 to 58 lb (glossy)
Media weights, supported ADF	45 to 199 g/m²
Media weights, supported ADF	12 to 53 lb
Memory	6 GB
Memory Slots	None
Metric depth	460 mm
Metric height	583 mm
Metric width	547 mm
Minimum System Requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com;
Minimum System Requirements for Macintosh	2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com;
Native scan file format	PDF; JPG; TIFF; MTIFF
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	5-15 Users
Operating humidity range	10 to 80% RH
Operating temperature range	50 to 91°F
Operating temperature range	10 to 32.5°C
Orderable supplies	HP LaserJet 110V Fuser Kit 527G0A; HP LaserJet 220V Fuser Kit 527G1A; HP LaserJet 110V Enhanced Fuser Kit 527G6A; HP LaserJet 220V Enhanced Fuser Kit 527G7A; HP LaserJet Image Transfer Belt 527G8A; HP LaserJet Image Transfer Belt Kit 527G9A; HP LaserJet Tray 2 Roller Kit 527H2A; HP LaserJet MP Tray Roller Kit 527H3A; HP LaserJet ADF Maintenance Kit 6H121A; HP Staple Cartridge Pack (3,000 staples) Q7432A
Output capacity	Up to 250 sheets

Package dimensions (W x D x H)	23.54 x 29.84 x 25.67 in
Package dimensions (W x D x H)	598 x 758 x 652 mm
Package weight	~96.34 lb
Package weight	~43.79 kg
Page yield (set-up/inbox cartridges)	~7,000 pages black, ~3,000 pages cyan, magenta, yellow composite yield
Pallet dimensions	31.5 x 47.24 x 82.01 in
Pallet dimensions (W x D x H)	800 x 1200 x 2083 mm
Pallet weight	277.74 kg
Pallet weight	611.03 lb
Paper handling input, optional	optional 550-sheet input trays (up to 3)
Paper handling input, standard	550-sheet input tray, 100-sheet multi-purpose tray
Paper handling output, standard	250-sheet output bin; Convenience Stapler
Paper trays, maximum	Up to 5
Paper trays, standard	2
Power	Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A
Print Technology	Laser
Print colors	Yes
Print languages	XPS, HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print speed black (Landscape, A5)	Up to 69 ppm
Print speed black (Portrait, A5)	Up to 20 ppm
Print speed color (Landscape, A5)	Up to 69 ppm
Print speed color (Portrait, A5)	Up to 20 ppm
Print speed duplex (A4)	Up to 43 ipm
Print speed duplex (A4)	Up to 43 ipm
Print speed duplex (letter)	Up to 45 ipm
Print speed duplex (letter)	Up to 45 ipm
Print speed footnote (A5)	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.

Print speed footnote number (A5)	[5]
Print technology	Laser
Printer Management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS)r
Processor speed	1.2 GHz
Product long name specifications	HP Color LaserJet Enterprise MFP 5800 Printer - Print: Up to 45 ppm black & 45 ppm color (letter); Up to 43 ppm color & 43 ppm black (A4); 50 ppm/100 ipm duplex, single-pass, dual-head scanning ADF; 650-sheets standard/2,300-sheets maximum paper input; Analog Fax; 8 in (20.3 cm) color touch screen control panel; Up to 10,000 pages per month duty cycle; 6 GB RAM standard/maximum, 32 GB eMMC RAM storage; Gigabit Ethernet with optional Dual-band Wireless, Wifi-Direct and BLE; 9k black/6k CMY starter toner cartridges
Product short name specifications	HP Color LaserJet Enterprise MFP 5800f Printer, Print, copy, scan, fax, Automatic document feeder; Optional high-capacity trays; Touchscreen; TerraJet cartridge
Quantity per pallet	6
RMN number	BOISB-2001-03
Recommended media weight (duplex)	16 to 90 lb (plain); 32 to 58 lb (glossy)
Recommended media weight (duplex)	60 to 163 g/m² (plain); 120 to 220 g/m² (glossy)
Recommended monthly page volume	2000 to 10000
Recommended monthly page volume note	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.
Recommended monthly scan volume	26,750 to 44,500
Recommended monthly scan volume note	HP recommends that the number of scanned pages per month be within the stated range for optimum device performance
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	15 to 27°C
Recommended operating temperature range	59 to 80.6°F
Replacement cartridges footnote	[2] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield
Resolution	600 dpi
Resolution (black and white, standard mode)	200 x 100 dpi

Resolution (black and white, superfine mode)	Up to 300 x 300 dpi
Resolution (black photo grayscale)	300 x 300 dpi (halftone)
Right margin (A4)	4.3 mm
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); IEC 62368-1:2014; EN 62368-1:2014(EU); EN 60825-1:2014 +A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 2nd Ed. 2014-12-01, CSA C22.2 No. 62368-1-14, 2nd Ed.; IEC 62471:2006; EN 62471:2008; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.
Scan file format footnote	[11] 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)
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size (ADF), maximum	8.5 x 34.0 in
Scan size (ADF), maximum	216 x 864 mm
Scan size (ADF), minimum	68 x 127 mm
Scan size (ADF), minimum	2.7 x 5 in
Scan size, maximum	216 x 356 mm
Scan size, maximum	8.5 x 14 in
Scan speed duplex (normal, A4)	Up to 47 ipm (b&w), up to 94 ipm (color)
Scan speed duplex (normal, letter)	Up to 50 ipm (b&w), up to 100 ipm (color)
Scan speed footnote	Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
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; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory ShieldTM with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with Device Security Syslog Messages processed and accessable in Arcsight and Splunk SIEMs
Software scan file format	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)
Standard media sizes (duplex)	A4; A5; B5 (JIS); RA4; 16K; Oficio (216 x 340 mm)

Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in); Statement
Storage	16 GB encrypted eMMC (located on formatter board for stored jobs and solutions); 16 GB eMMC (located on engine main board for copy/scan functions)
Storage device and direct print support	Wi-Fi Direct; USB Printing; Front-facing USB/Flash drive; Walk-up USB printing
Storage temperature range	-4 to 104°F
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 15 users; Prints up to 10,000 pages/month
Tariff numbers	8443310000(AM-Base-HTS); 8443310000(EU-Base-HTS); 84433131(AP-Base-HTS)
Telecom compliance (fax capability)	Telecom Wired: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2; FCC Rules and Regulations 47 CFR Part 68. Other Telecom approvals as required by individual countries.
Telephone handset supported	No
Top key features	Automatic document feeder; Optional high-capacity trays; Touchscreen; TerraJet cartridge
Top margin (A4)	4.3 mm
Tray capacity	Up to 2300 pages
Twain version	Version 2.4
Typical electricity consumption (TEC) footnote	[9] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
Typical electricity consumption (TEC) number	0.552 kWh/week (Energy Star 3.0); 0.551 kWh/week (Blue Angel)[9]
UNSPSC code	43212110
UPC number	(AB0) 196068721930; (AB2) 196068721947; (ABJ) 196068721954; (ABT) 196068721961; (ABY) 196068721978; (AC4) 196068721985; (AC8) 196068721992; (ACJ) 196068722005; (ACQ) 196068722012; (AKV) 196337713499; (B13) 196068722029; (B19) 196068722036; (BAZ) 196068722043; (BBU) 196068722050; (BGJ) 196068722067; (BGM) 196068722074
Warm-up time	As fast as 140 sec
What is in the box footnote	[1] For yield information on the cartridge(s) included with your printer, see https://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[1] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[2] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield

[4] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

[9] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[11] 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)

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 213A Black Original LaserJet Toner Cartridge	W2130A
HP 213A Cyan Original LaserJet Toner Cartridge	W2131A
HP 213A Magenta Original LaserJet Toner Cartridge	W2133A
HP 213A Yellow Original LaserJet Toner Cartridge	W2132A
HP 213X High Yield Black Original LaserJet Toner Cartridge	W2130X
HP 213X High Yield Cyan Original LaserJet Toner Cartridge	W2131X
HP 213X High Yield Magenta Original LaserJet Toner Cartridge	W2133X
HP 213X High Yield Yellow Original LaserJet Toner Cartridge	W2132X
HP 213Y Extra High Yield Black Original LaserJet Toner Cartridge	W2130Y
HP 213Y Extra High Yield Cyan Original LaserJet Toner Cartridge	W2131Y
HP 213Y Extra High Yield Magenta Original LaserJet Toner Cartridge	W2133Y
HP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge	W2132Y

Accessories

Printer Accessories

LaserJet Options

HP 500GB CCC, FIPS Hard Disk Drive	9EQ11A
HP Color LaserJet Aurora Purple Storage Stand	65A40A
HP Color LaserJet Comet Red Storage Stand	65A41A
HP Color LaserJet Constellation Yellow Storage Stand	65A38A
HP Color LaserJet Cosmic Green Storage Stand	65A39A
HP Color LaserJet Lunar Gray Storage Stand	65A42A
HP Color LaserJet Storage Stand	6QN55A

Accessory Bundles

Printer Accessibility Accessories

HP Accessibility Kit	2TD64A
HP Printing Voice Assistant	478C2A

Data Security Accessories

HP Removable Hard Drive Enclosure	2NR12A

Paper Handling

Input Trays

HP Color LaserJet 550-sheet Media Tray	6QN57A
HP Color LaserJet Aurora Purple 550 sheet Paper Tray	65A30A
HP Color LaserJet Comet Red 550 sheet Paper Tray	65A31A
HP Color LaserJet Constellation Yellow 550 sheet Paper Tray	65A28A
HP Color LaserJet Cosmic Green 550 sheet Paper Tray	65A29A
HP Color LaserJet Lunar Gray 550 sheet Paper Tray	65A32A

Staple Cartridges

HP Staple Cartridge Pack	Q7432A

Cabinets and Stands

Printer Cabinets and Stands

HP Color LaserJet Stand	6QN54A

Cables/Cable Kits/Cable Adapters

Printer Cables

HP Foreign Interface Harness	B5L31A

Security and Protection

Smart Cards and SmartCard Readers

HP HIP2 Keystroke Reader	Y7C05A
HP Legic Secure USB Reader	4QL32A
HP SmartCard NIPRNet Solution for US Government	CC543B
HP SmartCard SIPRNet Solution for US Government	F8B30A
HP USB Universal Card Reader	X3D03A

Network Print Servers

External Print Servers

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

Internal Print Servers

HP Jetdirect LAN Accessory	8FP31A

Fax Accessories

Fax Accessories and Options

HP MFP Analog Fax 702 Accessory	1M0Q0A
HP MFP Analog Fax 703 Accessory	1M0Q1A

Expansion Solution and Controller Cards

Expansion Packs and Solutions

Internal USB Expansion Kit	4XN67A

Solutions

Imaging and Printing Solutions

★ : Recommended

Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A

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