# HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer



## Powerfully productive. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. Customisable configurations from print speeds to colour panels help to meet the needs of busy workgroups. All while protecting your business against evolving security threats.



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds



#### Customisable and scalable solutions<sup>1</sup>

- Get the functionality you need with unprecedented, flexible configurations built to order.
   Optimise your device to meet your business needs and your budget.
- Select the document feeding solution that works best for your team.
- Choose built-in storage options including HDD and SSD drives to handle data and document stored on the device.

## Fast and seamless digitisation

- Customise your print experience with cloud-connected HP Workpath apps. Access personalised content and integrate paper and digital workflows.<sup>2</sup>
- Give your team the tools to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions, and card reader support.
- Make colour management simple with HP Custom Color Manager. Match colour output of any
  document-device combination by simply pulling colour profiles from the cloud. Get high-quality
  colour profiles without the hassle of expensive colour matching systems.<sup>3</sup>
- Targeted fusing technology<sup>4</sup> requires less energy and helps to reduce cooling requirements allowing for larger, faster colour print jobs.

### Everything you expect from an office printer

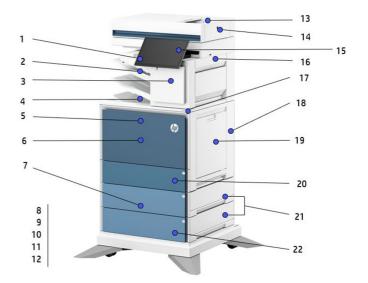
- Experience ultra-fast scanning speeds and ultimate productivity with HP Flow technology and up to 190 ipm<sup>5</sup> duplex scan technology
- HP's innovative in-line scan bar in an A4 printer helps to diagnose print quality issues with accurate remediation steps.
- Avoid interruptions and lost productivity with reverse-and-retry technology<sup>b</sup> that automatically
  detects and resolves multi-sheet feed issues.
- Easily scan and capture text from documents with high accuracy OCR software.
- Save time by scanning once and sending to multiple destinations with customised shortcuts to eliminate steps and avoid misdirection.

## Always on guard with HP Wolf Security

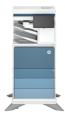
- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- HP Connection Inspector examines network connections. The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.
- Memory ShieldTM and expanded run-time intrusion detection protects memory and other
  applications. Common Criteria certified<sup>7</sup> to continually monitor memory activity, detect and
  stop zero-day attacks in real time [known/unknown] and self-heal.
- Minimise exposure with whitelisting checks, firmware that is automatically checked during start-up to determine if it's authentic code – digitally signed by HP.

## Product walkaround

- 1. Hardware Integration Pocket
- 2. 1,000-sheet multi-bin Staple Finisher
- 3. Staple cartridge access door
- 4. Front door access to All-in-One toner cartridges
- 5. Front door access to All-in-One toner cartridges
- 6. 550-sheet tray 3 supports media sizes up to A4
- 7. 150-sheet dual side Flow enables ADF supports media sizes up to A4
- 8. Slot for cable-type security lock
- 9. Super Speed USB 3.0 Host Port
- 10. Hi-Speed USB 2.0 Host Port
- 11. Gigabit Ethernet Port
- 12. Super Speed 3.0 device port
- 13. 150-sheet dual side Flow enabled ADF supports media sizes up to A4
- 14. Long originals media sensor
- 15. 25.6 cm color touchscreen display
- 16. Easy-access USB port
- 17. Power button
- 18. Right door access to the print path
- 19. 100-sheet multipurpose tray 1 supports media sizes up to A4
- 20. 550-sheet tray 2 supports media sizes up to A4
- 21. Tray 3 & 4 jam access doors
- 22. 550-sheet tray 4 + caster stand supports media sizes up to A4



# Series at a glance



Model	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer	
Product number	6QN37A	
Functions	Print, copy, scan, and fax (wireless optional)	
Print speed	52 ppm (A4)	
Control panel	25.6 cm color touchscreen display	
Scan speed	Up to 95 ppm/190 ipm (simplex/duplex)	
RMPV	Up to 14,000 pages per month	
Input capacity	1,750/1,750 (std/max)	
Output capacity (standard)	1,000-sheets	
Processor	Quad-core 1.6 GHz	
Flow solutions	Yes	
Workpath enabled	Yes	
Extensibility	HP FutureSmart 5, OXPd	

# Accessories, Supplies and Support

Supplies	527F9A HP Laser Jet Toner Collection Unit (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages (~200,000) page
	52708A HP LaserJet Image Transfer Belt
	527G9A HP LaserJet Image Transfer Belt
	527H2A HP LaserJet Tray 2 Roller Kit
	527H3A HP Laser Jet MP Tray Roller Kit 6H122A HP Laser Jet ADF Maintenance Kit
	6M1P3A HP LaserJet ADF Flow Maintenance Kit
	W2130A HP 213A Black Original LaserJet Toner Cartridge (~3,500) pages
	W2130X HP 213X High Yield Black Original Laser Jet Toner Cartridge (~9,000) pages
	W2130Y HP 213Y Extra High Yield Black Original LaserJet Toner Cartridge (~18,000) pages W2131AHP 213A Cyan Original LaserJet Toner Cartridge (~3,000) pages
	W2131X HP 213X High Yield Cyan Original LaserJet Toner Cartridge (~6,000) pages
	W2131Y HP 213Y Extra High Yield Cyan Original LaserJet Toner Cartridge (~12,000) pages
	W2132A HP 213A Yellow Original LaserJet Toner Cartridge (~3,000) pages W2132X HP 213X High Yield Yellow Original LaserJet Toner Cartridge (~6,000) pages
	W2132YHP 213A nigir rieu reiuw Original LaserJet roner Cartridge (~12,000) pages W2132YHP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge (~12,000) pages
	W2133A HP 213A Magenta Original LaserJet Toner Cartridge (~3,000) pages
	W2133X HP 213X High Yield Magenta Original LaserJet Toner Cartridge (~6,000) pages
	W2133Y HP 213Y Extra High Yield Magenta Original Laser let Toner Cartridge (~12,000) pages W21377 UP 3127 Littles Littles Middle Dada Original Laser Laser Cartridge (~12,000) pages
	W2170Z HP 217Z Ultra High Yield Black Original LaserJet Toner Cartridge (32,000) pages W2171Z HP 217Z Ultra High Yield Cyan Original LaserJet Toner Cartridge (~24,000) pages
	W21722 HP 2172 Ultra High Yield Yellow Original LaserJet Toner Cartridge (~24,000) pages
	W2173Z HP 217Z Ultra High Yield Magenta Original LaserJet Toner Cartridge (~24,000) pages
Accessories	1MOQOA HP MFP Analog Fax 702 Accessory
	1M0Q1A HP MFP Analog Fax 703 Accessory
	1M0Q2A HP LaserJet Workflow Keyboard
	1M005A HP LaserJet Workflow Accelerator Card
	2NR12A HP Removable Hard Drive Enclosure
	2TD64A HP Accessibility Kit
	35H11A HP HID Michael Access Mifare DES Fire Keystroking Reader
	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	478C2A HP Printing Voice Assistant
	4QL32A HP Legic Secure USB Reader
	4XN67A Internal USB Expansion Kit
	616G9A HP LaserJet AS HCI Guide Kit
	616HOA HP LaserJet Statement HCI Guide Kit
	616H2A HP Laser Jet Workflow UK Keyboard
	65A28A HP Color LaserJet Constellation Yellow 550 sheet Paper Tray
	65A29A HP Color LaserJet Cosmic Green 550 sheet Paper Tray
	65A30A HP Color Laser let Aurora Purple 550 sheet Paper Tray
	65A31A HP Color LaserJet Comet Red 550 sheet Paper Tray
	65A32A HP Color Laser Jet Lunar Gray 550 sheet Paper Tray
	65A33A HP Color LaserJet Constellation Yellow 2100 sheet High Capacity Paper Tray/Stand
	65A34A HP Color LaserJet Cornic Green 2100 sheet High Capacity Paper Tray/Stand
	65A35A HP Color Laser Jet Aurora Purple 2100 sheet High Capacity Paper Tray/Stand
	65A36A HP Color Laser Jet Comet Red 2100 sheet High Capacity Paper Tray/Stand
	65A37A HP Color Laser Jet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand
	65A38A HP Color Laser Jet Constellation Yellow Storage Stand
	<b>65A39A</b> HP Color LaserJet Cosmic Green Storage Stand
	65A40A HP Color LaserJet Aurora Purple Storage Stand
	65A41A HP Color LaserJet Cornet Red Storage Stand
	65A42A HP Color Laser let Lunar Gray Storage Stand
	60N54A HP Color LaserJet Stand
	60NS5AHP Color LaserJet Storage Stand
	6QN57A HP Color LaserJet 550-sheet Media Tray
	6QN58A HP Color LaserJet 2100 HCI Feeder and Stand
	8FP31A HP Jetdirect LAN Accessory
	9EQ11A HP 500GB CCC, FIPS Hard Disk Drive
	A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland
	A7W14A HP LaserJet Swedish Overlay Keyboard
	BSL31A HP Foreign Interface Harness
	J8J96A HP Staple Cartridge Refill
	X3003A HP USB Universal Card Reader
	Y7C05A HP HIP2 Keystroke Reader
arvice and Support	U45SXE HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP 680x
Service and Support	U455AE HP 3 year Next Business Day Service with DelietLive Media Retention for Color LasterJet. ETI MPP 680X  U455YE HP 4 year Next Business Day Service with Media Retention for Color LasterJet ETI MPP 680X
	U45SZE HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP 680x
	U4ST6E HP 3 year Parts Only Service with Defective Media Retention for Color Laser JetEntMFP680x
	U45T7E HP 4 year Parts Only Service with Defective Media Retention for Color Laser JetEntMFP680x U45T8E HP 5 year Parts Only Service with Defective Media Retention for Color Laser JetEntMFP680x
	U45 18E HP 5 year Marts Unity Service with Defective Media Retention for Color Lasser/Jet Entl MFP 680x  U45T9PE HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP 680x
	U45THPE HP 1 year Post Warranty Parts Only Service with Defective Media Retention for Color Laser-getEntMFP680x

# **Technical specifications**

	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer
Product number	6QN37A
Functions	Print, copy, scan, fax
Control panel	10.1 in (25.6 cm) touchscreen with colour graphics
Print	
Print technology	Laser
Print speed <sup>6</sup>	Black (A4, normal): Up to 52 ppm Colour (A4, normal): Up to 52 ppm; Black (A4, duplex): Up to 52 ipm Colour (A4, duplex): Up to 52 ipm
First page out <sup>7</sup>	Black (A4, ready): As fast as 6.5 sec Colour (A4, ready): As fast as 7.4 sec; Black (A4, sleep): As fast as 9.8 sec Colour (A4, sleep): As fast as 10.2 sec
Print resolution	Black (best): Up to 1200 x 1200 dpi Colour (best): Up to 1200 x 1200 dpi; Technology: HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi), Pantone Calibrated
Monthly duty cycle	Up to 100,000 pages A4; <b>Recommended monthly page volume</b> : 2000 to 14,000
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 10.1 in (25.6 cm) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (Air Print)
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 WorldType); 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
Print area	Print margins Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area : 207.4 x 1191.4 mm
Duplex printing	Automatic
Сору	
Copy speed	Black (A4): Up to 52 cpm; Colour (A4): Up to 52 cpm
Copier specifications	Book Copy; Booklet; Build Job; Collation; Colour; 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; Punch; 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; Scar to job storage; Automatically strainghten; Automatically detect colour/monochrome; Auto tone; Multi-feed detection; Document editing; Auto paper colour removal; Maximum number of copies: Up to 9999; Reduce/Enlarge: 25 to 400%
Scan	
Scan speed <sup>10</sup>	Normal (A4): Up to 95 ppm/190 ipm (b&w), up to 95 ppm/190 ipm (colour); Duplex (A4): Up to 190 ipm (b&w), up to 190 ipm (color)
Scan file format <sup>11</sup>	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS
Scanner specifications	Scanner type Flatbed; ADF; Scan technology: Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF; 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; Twain version: Version 2.4; Duplex ADF scanning: Yes; Optical scan resolution: Up to 600 dpi
Scanner advanced features	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
Scannable area	Maximum media size (flatbed): 216 x 356 mm; Minimum media size (ADF): 68 x 127 mm Maximum media size (ADF): 215.9 x 863.6 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: 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; SMTF over SSL; automatically detect colour/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimise 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; optimise text/picture (auto); scan to multi-destination; automatic tone; auto orientation; multi-feed detection; reverse and retry; document editing; auto paper colour removal; job separation (blank page, barcode); watermark; stamps
Fax	
Tuk	
Fax <sup>4</sup>	Yes, 33.6 kbps
	Yes, 33.6 kbps  Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers
Fax <sup>4</sup>	
Fax specifications	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers
Fax <sup>4</sup> Fax specifications Fax smart software features	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)
Fax 4 Fax specifications Fax smart software features Processor speed Connectivity Standard Optional	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  1.7 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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router,
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  1.7 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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)  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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  1.7 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)  HP Jetdirect 3100w BLE/INFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-Tx, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  1.7 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)  HP Jetdirect 3100w BLE/INFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard, minimum 500 GB HDD; Optional, 256 GB SSD
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  1.7 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)  HP Jetdirect 3100w BLE/INFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard, minimum 500 GB HDD; Optional, 256 GB SSD
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory Media handling	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard: 6 GB ;Maximum: 6 GB  Standard: 6 GB ;Maximum: 6 GB
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory Media handling Number of paper trays	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)  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 (Boott) DHCP, AutoliP, 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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-T, 100Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard: 4; Maximum: up to 4  Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, cardstock, card glossy), color
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory Media handling Number of paper trays Media types	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)  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: SMMPv2/N3, HTTP/HTTPs, Telnet, TFTP Config, FTP PW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard: 4 ;Maximum: up to 4  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, coloured, rough, opaque film, user-defined  Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, Tray 3 (1x550-sheet feeder), Tray 4 (1x550-sheet feeder): 101 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: 2custom sizes not supported in this tray Supported (metric): Tray 1: 4A, AS, A6, RAA, BS, B6, 10x 15 cm, Oficio, postcards UIS) optional 2,100-sheet high-capacity feede
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory Media handling Number of paper trays Media types Media size	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/MFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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; SJB, Bonjour, Web Services Discovery; IP Config; IPv4 (Boott) DHCP, Autolip, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SMMPv2/v3, HTTP/HTTPh5, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 100Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; Psec (standard); 802.11a/h/g/m wireless networking.  Standard, Bo2.11a/h/g/m wireless networking.  Standard, Minimum 500 GB HDD; Optional, 256 GB SSD  Standard: 4 (Maximum: up to 4  Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, coloured, rough, opaque film, user-defined  Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, Tray 3 (1x550-sheet feeder), Tray 4 (1x550-sheet feeder); 101 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: custom sizes not supported in this tray Supported (metric): Tray 1: A4
Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Mobile printing capability Supported network protocols Network capabilities Hard disk Memory Media handling Number of paper trays Media types Media size Media handling Media handling	Fax memory: Up to 1000 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  1.6 GHz  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)  HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional)  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: SLR Bonjour, Web Services Discovery: LPC onfig: IPv4 (BootP, DHCP, AutolP, 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  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-T, 100Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking.  Standard: 4 ;Maximum: up to 4  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, coloured, rough, opaque film, user-defined  Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, Tray 3 (1x550-sheet feeder): Tray 4 (1x550-sheet feeder): 10 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: custom sizes not supported in this tray Supported (metric): Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, Gk, postcard (IJS); optional 2,100-sheet high-capacity f

## **Technical specifications**

Model	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer
Product number	6QN37A
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; Citrix; Chrome OS
Compatible network operating systems	Windows Server; SAP; Novell; UNIX; Citrix; Linux
Minimum system requirements	Windows: 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;
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com;
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 DP & 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 Integrit (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
Printer management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center
Dimensions and weight	
Printer dimensions (W x D x H) $^{12}$	<b>Minimum</b> 520 x 528 x 1154 mm; <b>Maximum</b> : 870 x 823 x 1399 mm
Package dimensions (W x D x H)	760 x 790 x 1354 mm
Printer weight	~77.1 kg
Package weight	~91.77 kg
Operating environment	Temperature: 10 to 32.5°C Humidity: 30 to 70% RH
Storage conditions	Temperature: -20 to 40°C
Acoustics	Acoustic power emissions: 6.6 B(A) Acoustic pressure emissions: 53 dB(A)
Power	Requirements: 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; Consumption: 717 watts (Printing/Copying), 63.4 watts (Ready), 1.1 watts (Sleep), 0.1 watts (Auto Off/Manual On), 0.1 watts (Manual Off); Typical Electricity Consumption (TEO) <sup>9</sup> : 0.709 kWh/week (Energy Star 3.0); 0.659 kWh/week (Blue Angel); Power supply type: Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications	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 Economi Affairs – BSM (Taiwan); Certificate of China Compulsory Product Certification – CCC (China); Bureau of Indian Standards – BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries.  Electromagnetic emission standard: CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55035:2017 Class A + A11:2020, 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 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.  CECP; IT ECO Declaration; Blue Angel; EPEAT® registered; SEPA; KOECO  Blue Angel compliant® Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies  Telecom compliance: Telecom Wired: ES 203 021-1 v.1.1; ES 203 021-2 v.2.1.2; ES 203 021-3 v.2.1.2; EC Rules and Regulations 47 CFR Part 68. Other Telecom approvals as required by individual countries. Telecom Wired: ES 203 021-1 v.2.1.3; ES 203 021-3 v.2.1.2; E
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Country of origin	Made in Czech Republic
What's in the box <sup>1</sup>	6QN37A HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer; HP Black Original LaserJet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~6,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://hp.com/support to learn about HP award winning service and support options in your region.

#### Footnotes

To learn more about configure to order options, contact your HP or Partner Representative. 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. Personalised content and integration functions are applicable to supported HP Workpath apps only. Contact your HP or your Partner Representative to learn more about Custom Color Manager. Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series. Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and applications oftware. Measured using standards found at: http://standards.is.org/ittf/publicy/waliable/standards/SC28\_Test\_Pages/ Reverse and retry technology is only available on Flow-based models. Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024.

\*Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Detection.pdf.

#### Technical specifications disclaimers

The ryield 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. For details see https://www.hp.com/go/toneryield. EPEAT\* registered where applicable. EPEAT registration varies by country. See https://www.epeat.net for registration status by country. Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. 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. 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. 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. 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. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. For Scan software, we support: Windows (JPG, RAW(BMP), PDF, TIFF, PNG, PDF, Searchable PDF, RTF, TXT) Maximum dimensions mea

