HP Color LaserJet Enterprise MFP 6800dn Printer



Powerfully productive. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. Customizable configurations from print speeds to color 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



Customizable and scalable solutions¹

- Get the functionality you need with unprecedented, flexible configurations built to order.
 Optimize 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 digitization

- Customize your print experience with cloud-connected HP Workpath apps. Access personalized
 content and integrate paper and digital workflows.²
- 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 color management simple with HP Custom Color Manager. Match color output of any
 document-device combination by simply pulling color profiles from the cloud. Get high-quality
 color profiles without the hassle of expensive color matching systems.³
- Targeted fusing technology⁴ requires less energy and helps to reduce cooling requirements allowing for larger, faster color print jobs.

Everything you expect from an office printer

- Experience fast scanning speeds and ultimate productivity with up to 152 ipm⁵ duplex scan technology.
- Busy work groups can get everything done with fast print speeds of up to 52 ppm⁶ setting the
 pace to handle any workload with reliable quality.
- Easily enable workflows with a consistent user experience and intuitive, tablet-like icons on the 8-inch color touchscreen display.
- Maintain productivity and stay up to date on the latest features across your fleet with upgradeable HP FutureSmart firmware⁷
- Take control of your printing environment with HP Web Jetadmin⁸ to help manage your fleet and build consistent print experiences.

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 certified⁹ to continually monitor memory activity, detect and stop zero-day attacks in real time [known/unknown] and self-heal.
- Minimize 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. 150-sheet dual side ADF supports media sizes up to A4
- 2. 500-sheet output bin supports media sizes up to A4
- 3. Automatic 2-sided printing
- 4. HP High-Performance Secure Hard Disk
- 5. Front door access to All-in-One toner cartridges
- 6. Slot for cable-type security lock
- 7. Super Speed USB 3.0 Host Port
- 8. Hi-Speed USB 2.0 Host Port
- 9. Gigabit Ethernet Port
- 10. Super Speed 3.0 device port
- 11. Long originals media sensor
- 12. 20.3 cm color touchscreen display
- 13. Easy-access USB port
- 14. Hardware Integration Pocket
- 15. Power button
- 16. Right door access to the print path
- 17. 100-sheet multipurpose tray 1 supports media sizes up to A4
- 18. 550-sheet tray 2 supports media sizes up to A4



Series at a glance



Model	HP Color LaserJet Enterprise MFP 6800dn Printer
Product number	6QN35A
Functions	Print, copy, and scan (fax and wireless optional)
Print speed	52 ppm (A4)
Control panel	20.3 cm color touchscreen display
Scan speed	Up to 76 ppm/152 ipm (simplex/duplex)
RMPV	Up to 14,000 pages per month
Input capacity	650/3,300 (std/max)
Output capacity (standard)	500-sheets
Processor	Quad-code 1.6 GHz
Flow solutions	No
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

Accessories, Supplies and Support

	· · · · · · · · · · · · · · · · · · ·	
Supplies	527F9A HP LaserJet Toner Collection Unit	
	527G3A HP LaserJet 220V Enhanced Fuser Kit 527G8A HP LaserJet Image Transfer Belt	
	527 GOA HE LASERJEL IMAGE TRANSFER BELL 527 GOA HE LASERJEL IMAGE TRANSFER BELT	
	527H2A HP LaserJet Tray 2 Roller Kit	
	527H3A HP LaserJet MP Tray Roller Kit	
	6H122A HP LaserJet ADF Maintenance Kit 6M1P3A HP LaserJet ADF Flow Maintenance Kit	
	W2130A HP 213A Black Original Laser Jet 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 W2131A HP 213A Cyan Original LaserJet Toner Cartridge (~3,000) pages	
	W2131HIP 213H Cyan Original LaserJet Toner Cartridge (~5,000) pages W2131HIP 213H Cyan Original LaserJet Toner Cartridge (~6,000) pages	
	W2131Y HP 213Y Extra High Yield Cyan Original Laser Jet 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 213X High Tried Tellow Original Laser to the Lactinides (~12,000) pages W2132YHP 213Y Extra High Yield Yellow Original Laser Jet Toner Cartridge (~12,000) pages	
	W2133A HP 213A Magenta Original LaserJet Toner Cartridge (~3,000) pages	
	W2133X HP 213X High Yield Magenta Original Laser Jet Toner Cartridge (~6,000) pages W2133X LP 213X Light Yield Magenta Original Laser Jet Toner Cartridge (~1,200) pages	
	W2133Y HP 213Y Extra High Yield Magenta Original LaserJet Toner 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	
	W2172Z HP 217Z Ultra High Yield Yellow Original LaserJet Toner Cartridge (~24,000) pages	
Assessation	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	
	2NR12A HP Removable Hard Drive Enclosure	
	2TD64A HP Accessibility Kit	
	35H11A HP HID Mobile 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	
	616H0A HP LaserJet Statement HCI Guide Kit	
	65A28A HP Color LaserJet Constellation Yellow 550 sheet Paper Tray	
	65A29A HP Color LaserJet Cosmic Green 550 sheet Paper Tray	
	65A30A HP Color LaserJet Aurora Purple 550 sheet Paper Tray	
	65A31A HP Color LaserJet Comet Red 550 sheet Paper Tray	
	65A32A HP Color LaserJet Lunar Gray 550 sheet Paper Tray	
	65A33A HP Color Laser Jet Constellation Yellow 2100 sheet High Capacity Paper Tray/Stand	
	65A34A HP Color LaserJet Cosmic Green 2100 sheet High Capacity Paper Tray/Stand	
	65A35A HP Color LaserJet Aurora Purple 2100 sheet High Capacity Paper Tray/Stand	
	65A36A HP Color LaserJet Comet Red 2100 sheet High Capacity Paper Tray/Stand	
	65A37A HP Color LaserJet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand	
	65A38A HP Color LaserJet Constellation Yellow Storage Stand	
	65A39A HP Color LaserJet Cosmic Green Storage Stand	
	65A40A HP Color LaserJet Aurora Purple Storage Stand	
	65A41A HP Color LaserJet Comet Red Storage Stand	
	65A42A HP Color LaserJet Lunar Gray Storage Stand	
	6QN54A HP Color LaserJet Stand	
	6QN55A HP Color LaserJet Storage Stand	
	6QN57A HP Color LaserJet 550-sheet Media Tray	
	6QN58A HP Color LaserJet 2100 HCl Feeder and Stand	
	8FP31A HP Jetdirect LAN Accessory	
	9EQ11A HP 500GB CCC, FIPS Hard Disk Drive	
	BSL31A HP Foreign Interface Harness	
	X3D03A HP USB Universal Card Reader	
	Y7C05A HP HIP2 Keystroke Reader	
Service and Support	U4SSXE HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP 680x U4SSYE HP 4 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP 680x U4SSZE HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP 680x	
	U45T6E HP 3 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x U45T3F LID 4 year Data Dolly Crisica with Defective Media Retention for Color LaserJetEntMFP680x	
	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	
	U45T9PE HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color Laser Jet Ent MFP 680x	
	U4STHPE HP 1 year Post Warranty Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x	

Technical specifications

Model	HP Color LaserJet Enterprise MFP 6800dn Printer
Product number	6QN35A
Functions	Print, copy, scan, fax (optional)
Control panel	8.0 in (20.3 cm) touchscreen with color graphics
Print	T :
Print technology	Laser
Print speed ⁷	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 ⁸	Black (A4, ready): As fast as 6.2 sec Colour (A4, ready): As fast as 6.8 sec; Black (A4, sleep): As fast as 9.4 sec Colour (A4, sleep): As fast as 9.9 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; Recommended monthly page volume: 2000 to 14,000
Printer smart software features ¹	Apple AirPrint™, Mopria-certified, HP ePrint, ROAM optional for easy printing, 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
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono 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; 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; Text; Text/Photo; Tray Selection; Two-sided copy; Watermark; reduce/enlarge; Scan mode (book, 2-sided ID); Stamps; Image overlay; Image preview; Paper selection; Scan to job storage; Automatically strainghten; Automatically detect color/monochrome; Maximum number of copies: Up to 9999; Reduce/Enlarge: 25 to 400%
Scan	
Scan speed ¹⁰	Normal (A4): Up to 76 ppm/152 ipm (b&w), up to 76 ppm/152 ipm (color) ;Duplex (A4): Up to 152 ipm (b&w), up to 152 ipm (color)
Scan file format ¹¹	PDF; TIFF; MTIFF; Hi-Compression PDF; XPS; PDFA; JPEG
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	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
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; SMTP over SSL; automatically detect color/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); content orientation; scan mode (book, 2-sided ID); erase edges; auto page crop; job build; image preview; blank page suppression; automatically straighten
Fax	
Fax ⁵	
	Optional, 33.6 kbps (with optional analog fax accessory)
Fax specifications	Uptional, 33.6 kpps (with optional analog tax accessory) 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 specifications Processor speed	
	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
Processor speed	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
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2)
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, 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,
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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-Tx, 802.3az (EEE) support on Fast Ethernet and Gig Links;
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mpria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, 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 (optional).
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, 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-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, 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-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, Butcl), 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 (optional). Standard: 6 GB; Maximum: 6 GB Standard: 6 GB; Maximum: 6 GB
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, 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 (optional). Standard: 6 GB ;Maximum: up to 5 Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, extra heavy, extra heavy, extra heavy glossy, cardstock, card glossy), color
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: 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 (optional). Standard: 6 GB ;Maximum: 0 to 5 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, prepunched, colored, rough, opaque film, user-defined Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 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, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, CS, B5, C6); Tray 2, optional 1x550-sheet feeders: A4, A5, A6, B8, B6, 10 x 15 cm, Oficio,
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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, Google Cloud Print; Discovery: SLB, Bonjour, Web Services Discovery: IP Config:, IPv4 (BootR) 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-T, 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/bg/n wireless networking (optional). Standard: 6 GB ;Maximum: up to 5 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 Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 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, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, postcard (JIS); Optional 2, 100-sheet high-capacity feeder: A4; A5 (with optional accessory) ADF: Letter; legal; officic executive; statement; 16K; A4; RA4; A5;
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	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 1.6 GHz 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2) HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A HP ePrint; Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, Google Cloud Print; Discovery; SLP, Bonjour, Web Services Discovery; IP Config; IPv4 (BootP, DHCP, AutolP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statellu via DHCPv6); Management: SNMPv2/3, 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); 802.113/b/g/n wireless networking (optional). Standard: 6 GB: Maximum: up to 5 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 Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: Act, 85, 66, 156, 157 ay 2, optional 1x550-sheet fighe-Gapacity feeder: Act, 86 (KB), 765, 157 ay 2, optional 1x550-sheet feeders: Ad, 85, 86, 10 x 15 cm, 0ficio, 16k, postcard (JIS); optional 250-sheet fighe-Gapacity feeder: Act, 86 (KB), 765, 157 ay 2, optional 1x5

Technical specifications

Model	HP Color LaserJet Enterprise MFP 6800dn Printer	
Product number	6QN35A	
Compatible operating systems	Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; Mobile OS; Chrome OS; Citrix; Linux; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina	
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 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 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; HP Smart Device Services (SDS)	
Dimensions and weight		
Printer dimensions (W x D x H) ¹²	Minimum 500 x 460 x 651 mm; Maximum: 860 x 820 x 896 mm	
Package dimensions (W x D x H)	598 x 798 x 680 mm	
Printer weight	~42.2 kg	
Package weight	~46.2 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: 55 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 (TEC): 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 Economic 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 55032:2015 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; TE CEO Declaration; Blue Angel; SEPA; EPEAT® Gold registered; KOECO Blue Angel compliant® Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	
Sustainable impact specifications	15% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered	
Country of origin	Made in Czech Republic	
What's in the box ²	6QN35A HP Color LaserJet Enterprise MFP 6800dn 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.	

¹ To learn more about configure to order options, contact your HP or Partner Representative. ² Not all MFPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessory or firmware to be 10 team more about contigure to order options, contact your HP or Partner Representative. *Not all MPPs 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. *3 Contact your HP or your Partner Representative to learn more about Custom Color Manager. *4 Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series. *5 Scan speeds measured from ADF. Actual processing speeds may vary depending on sear resolution, network conditions, computer performance, and application software. Measured using standards found at: http://standards.iso.org/lttf/PubliclyAvailableStandards/SC28_Test_Pages/ *6 Measured using ISO/IEC 24734, excludes first set of fest documents. For more information, set http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. *7 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. *8 HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/wja. *9 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%20Intrusion%20Detection.pdf.

1 Apple AirPrint™, Mopria-certified, HP ePrint, ROAM optional for easy printing, 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* touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview ² 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. 5* Declared yields based on images printed and other factors. 5* Declared yields based on images printed and other factors. 5* Declared yields based on images printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. 5* Declared yields based on images printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printed and other factors. 5* Declared yields based on ISO/IEC 19798 and continuous printed and other factors. 5* Declared yields based on ISO/IEC 19798 and printed and other factors. 5* Declared yields based on ISO/IEC 19798 and printed and other factors. 5* Declared yields based on ISO/IEC 19798 and printed and other factors. 5* Declared yields based on ISO/IEC 19798 and printed and other factors

