# PRHP6QN36A

HP Colour LaserJet Enterprise Flow MFP 6800zf Multifunction A4 Laser Printer, Print, Copy, Scan, Fax, Duplex, USB, LAN

## Product Overview

HP 6QN36A Colour LaserJet Enterprise Flow MFP 6800zf Multifunction A4 Laser Printer, Print, Copy, Scan, Fax, Automatic Duplex printing, Up to 52 ppm print speed Black, Up to 52 ppm print speed Colour, Up to 1200 x 1200 dpi print quality, USB 3.0, Gigabit Ethernet, Apple AirPrint, Mopria Certified, 10.1 in Colour Graphics Display with Touchscreen & rotating (Adjustable angle) Display, 550-sheet Input tray, 100-sheet Multi-Purpose tray, Up to 500 sheets paper handling Output standard, Flatbed / ADF Scanner Type, Up to 600 dpi Scan Resolution Optical, Duplex ADF scanning, Standard 150 sheets automatic Document feeder capacity, charge coupled device (CCD) Flatbed & contact image Sensor (CIS) ADF Scan technology











## Specifications

**Overview:**

**HP Color LaserJet Enterprise Flow MFP 6800zf Printer (6QN36A)**

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

- Functions: Print, copy, scan, fax
- Print speed: Print speed up to 52 ppm (black) and 52 ppm(color)
- Print quality black (best): Up to 1200 x 1200 dpi
- Automatic document feeder capacity: Standard, 150 sheets

**Features:**

**Customizable and scalablesolutions**

Flexible printer configurations and easy to scale solutions to meet evolving workforce needs and optimize workflows.

**Fast and seamless digitization**

A powerful collaboration hub, making document digitization easier with incredibly fast scanning and cloud-based solutions.

**Everything you expect from an office printer**

Advanced workflow solutions coupled with copier capabilities makes this fully featured A4 printer the best choice for all your workgroup needs.

**Always on guard with HP Wolf Security**

HP Wolf Enterprise Security provides the worlds most secureprinting that protects, detects, and adapts to new threats. We keep trouble out so you can keep your business running.

**Specifications:**

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| Specifications | |
|---|---|
| **Product Code** | PRHP6QN36A |
| **Functions** | Print, copy, scan, fax |
| **Print speed black (ISO, letter)** | Up to 55 ppm |
| **Print speed black (ISO, A4)** | Up to 52 ppm |
| **Print speed color (ISO)** | Up to 55 ppm |

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| **Print Speed Color (ISO)** | Up to 52 ppm |
| **First page out black (letter, ready)** | As fast as 6.0 sec |
| **First page out black (A4, ready)** | As fast as 6.1 sec |
| **First page out color (letter, ready)** | As fast as 6.5 sec |
| **First page out color (A4, ready)** | As fast as 6.6 sec |
| **Duplex printing** | Automatic |
| **Duty cycle (monthly, letter)** | Up to 100,000 pagesUp to 100,000 pages (HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.) |
| **Duty cycle (monthly, A4)** | Up to 100,000 pages (HP recommends that the number of printed pages per month 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 page volume** | 2000 to 14,000 (HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.) |
| **Print quality black (best)** | Up to 1200 x 1200 dpi |
| **Print quality color (best)** | Up to 1200 x 1200 dpi |
| **Print languages** | HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint) |
| **Print technology** | Laser |
| **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 |
| **Mobile printing capability** | Apple AirPrint, Mopria Certified, NFC Touch-to-print (optional) |
| **Network capabilities** | Yes, via HP Jetdirect Ethernet embedded print server which supports: 10Base-T, 100Base-Tx, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gig Links, IPsec, 802.11a/b/g/n wireless networking (optional). |
| **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 |
| **Minimum System Requirements** | 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com |
| **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, embedded OCR, optimize text/picture (auto), scan to multi-destination, automatic tone, auto orientation, multi-feed detection, reverse and retry, document editing, auto paper color removal, job separation (blank page, barcode), watermark, stamps |
| **Display** | 10.1 in (25.6 cm) Color Graphics Display (CGD) with touchscreen, rotating (adjustable angle) display |
| **Processor speed** | 1.6 GHz |

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| **Maximum Memory** | 6 GB |
| **Memory** | 6 GB |
| **Internal Storage** | Standard, minimum 500 GB HDD, Optional, 256 GB SSD (via CTO) |
| **Storage** | 500 GB hard disk drive |
| **Capacity** | 500 GB |
| **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 (Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see) |
| **Paper handling input, standard** | 550-sheet input tray, 100-sheet multi-purpose tray |
| **Paper handling output, standard** | Up to 500 sheets |
| **Paper handling input, optional** | optional 550-sheet input trays (up to 3), optional 2,100-sheet high capacity input |
| **Finished output handling** | Sheetfed |
| **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 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), optional 2,100-sheet high-capacity feeder: A4, A5 (with optional accessory) |
| **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, optional 2,100-sheet high-capacity feeder: custom sizes not supported in this tray |
| **File Format Supported** | CSV (OCR), Hi-Compression PDF, HTML (OCR), JPG, MTIFF, PDF, PDF/A, RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), TEXT (OCR), TIFF, Unicode TEXT (OCR), XPS, JPEG |
| **Scanner type** | Flatbed, ADF |
| **Scan file format** | PDF, Hi-Compression PDF, PDFA, JPEG, TIFF, MTIFF, XPS ( 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)) |
| **Enhanced scanning resolution** | Up to 600 dpi |
| **Scan resolution, optical** | Up to 600 dpi |
| **Scan size (ADF), maximum** | 215.9 x 863.6 mm |
| **Scan size (ADF), minimum** | 68 x 127 mm |
| **Scan size, maximum** | 216 x 356 mm |
| **Scan speed (normal, A4)** | Up to 95 ppm/190 ipm (b&w), up to 95 ppm/190 ipm (color) |
| **Scan speed duplex (normal, A4)** | Up to 190 ipm (b&w), up to 190 ipm (color) |
| **Scan speed duplex (normal, letter)** | Up to 200 ipm (b&w), up to 200 ipm (color) |
| **Scan speed (normal, letter)** | Up to 100 ppm/200 ipm (b&w), up to 100 ppm/200 ipm (color) |
| **Automatic document feeder capacity** | Standard, 150 sheets |
| **Duplex ADF scanning** | Yes |
| **Scan technology** | Charge Coupled Device (CCD) Flatbed, Contact Image Sensor (CIS) ADF |

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| **Copy Speed Black (maximum, A4)** | 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. |
| **Copy speed (black, normal quality, A4)** | Up to 52 cpm |
| **Copy speed (color, normal quality, A4)** | Up to 52 cpm |
| **Copy resolution (black text)** | Up to 600 x 600 dpi |
| **Copy resolution (color text and graphics)** | Up to 600 x 600 dpi |
| **Copies, maximum** | Up to 9999 |
| **Copy reduce / enlarge settings** | 25 to 400% |
| **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, 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, Scan to job storage, Automatically strainghten, Automatically detect color/monochrome, Auto tone, Multi-feed detection, Document editing, Auto paper color removal |
| **Faxing** | Yes |
| **Fax transmission speed (letter)** | 3 sec per page |
| **Fax Transmission Speed** | Up to 33.6 kbps ( 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 Resolution Black (best)** | Up to 300 x 300 dpi |
| **Fax Broadcast Locations** | 0 |
| **Fax memory** | Up to 1000 pages |
| **Fax Speed Dials, Maximum Number** | Up to 1000 numbers |
| **Power 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) (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** | 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 |
| **Operating humidity range** | 10 to 80% RH |
| **Recommended operating humidity range** | 30 to 70% RH |
| **Operating temperature range** | 10 to 32.5 degreesC |
| **Operating temperature range** | 50 to 91 degreesF |
| **Blue Angel compliant** | Yes, Blue Angel DE-UZ 219-only ensured when using Original HP supplies ( 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 typically based on measurement of 115V device and 230V for Blue Angel.) |

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| **Typical electricity consumption (TEC) number** | 0.709 kWh/week (Energy Star 3.0), 0.659 kWh/week (Blue Angel) ( Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).) |
| **Energy savings feature technology** | HP Auto-On/Auto-Off Technology, Instant-on Technology, Instant-on Copy |
| **Ecolabels** | CECP, IT ECO Declaration, Blue Angel, EPEAT Gold registered, SEPA, KOECO ( EPEAT registered where applicable. EPEAT registration varies by country. |
| **Energy star certified** | Yes |
| **Safety** | IEC 60950-1:2005 +A1:2009 +A2:2013 (International), IEC 62368-1:2014, EN 62368-1:2014(EU), EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product), EN 62479:2010/IEC 62479:2010, IEC 62471:2006 / EN 62471:2008, 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, 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. |
| **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 |
| **Security** | HP Access Control, HP Security Manager, HP Advance, HP Secure Print and Insights, HP card readers |
| **Minimum dimensions (W x D x H)** | 500 x 460 x 651 mm |
| **Maximum dimensions (W x D x H)** | 860 x 820 x 896 mm |
| **Weight** | ~42.2 kg |
| **What's in the box** | HP Color LaserJet Enterprise Flow MFP 6800zf 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 |
| **Number of print cartridges** | 4 (1 each black, cyan, magenta, yellow) |

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| **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, HP 217Z Ultra Yield Black Original LaserJet Toner Cartridge (~32,000 pages) W2170Z, HP 217Z Ultra Yield Cyan Original LaserJet Toner Cartridge (~24,000 pages) W2171Z, HP 217Z Ultra Yield Yellow Original LaserJet Toner Cartridge (~24,000 pages) W2172Z, HP 217Z Ultra Yield Magenta Original LaserJet Toner Cartridge (~24,000 pages) W2173Z ( Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/PRHP6QN36A-HP-Colour-LaserJet-Enterprise-Flow-MFP-6800zf-Multifunction-A4-Laser-Printer-p-288937.php**

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