

HP PageWide Enterprise Color 765dn



The new printing paradigm

Modern business demands forward-thinking technology – it's why HP engineered the next generation of HP PageWide Enterprise to deliver a competitive edge from every angle: lowest colour cost,¹ maximum uptime and the industry's strongest security.²



Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at: <http://www.hp.com/go/learnaboutsupplies>

The lowest cost for colour¹

- Get the quality you expect with HP PageWide Technology that delivers the lowest cost per colour page.¹
- Print more pages and replace cartridges less often with optional high-yield cartridges.³
- Print even faster – and save even more per page – by setting this printer to General Office mode.⁴
- Help keep energy costs down with the most efficient printer in its class.⁵

Minimal interruptions. Maximum uptime.

- Minimise interruptions with an HP PageWide device designed for the least maintenance in its class.⁶
- Print speeds up to 50% faster than competitors – as fast as 75 ppm in colour and black-and-white.⁷
- Tailor this printer to the needs of your business with a wide range of paper-handling accessories.
- Grab pages and go – without waiting. This device wakes up and prints fast, so your documents are ready quickly.

The world's most secure printing²

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the printer and in transit over the network and store data on an encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code – digitally signed by HP.



Product walkaround

HP PageWide Enterprise Color 765dn shown

1. 10.9 cm (4.3-inch) pivoting colour touchscreen
2. Hardware Integration Pocket
3. Easy-access USB printing
4. 100-sheet multipurpose tray 1 supports media up to 305 x 457 mm (12 x 18 inches)
5. 550-sheet tray 2 supports media up to 297 x 432 mm (11.7 x 17 inches)
6. 500-sheet output bin
7. Front door access to cartridges
8. Automatic two-sided printing
9. Host USB port, Ethernet network port, Hi-speed USB 2.0 printing port



Accessories, Supplies and Support

Accessories	P1V16A P PageWide 550-sheet Paper Tray
	P1V17A HP PageWide 550-sheet Paper Tray and Cabinet
	P1V18A HP PageWide 3x550 sheet Paper Tray and Stand
	P1V19A HP PageWide 4000 sheet High-capacity Paper Tray and Stand
	W1B43A HP PageWide Printhead Wiper Kit
	W1B44A HP PageWide Service Fluid Container
	W1B45A HP PageWide Roller Kit
Supplies	TOB26A HP 982A Black Original PageWide Cartridge ~10,000 pages
	TOB23A HP 982A Cyan Original PageWide Cartridge ~8,000 pages
	TOB24A HP 982A Magenta Original PageWide Cartridge ~8,000 pages
	TOB25A HP 982A Yellow Original PageWide Cartridge ~8,000 pages
	TOB30A HP 982X High Yield Black Original PageWide Cartridge ~20,000 pages
	TOB27A HP 982X High Yield Cyan Original PageWide Cartridge ~16,000 pages
	TOB28A HP 982X High Yield Magenta Original PageWide Cartridge ~16,000 pages
	TOB29A HP 982X High Yield Yellow Original PageWide Cartridge ~16,000 pages
Service and support	U9RM8E HP 3 year Next Business Day Service with Defective Media Retention for PageWide Colour 76x
	U9RM9E HP 4 year Next Business Day Service with Defective Media Retention for PageWide Colour 76x
	U9RN0E HP 5 year Next Business Day Service with Defective Media Retention for PageWide Colour 76x
	U9RN7PE HP 1 year Post Warranty Next Business Day Services with Defective Media Retention for PageWide Colour 76x
	U9RN8PE HP 2 year Post Warranty Next Business Day Services with Defective Media Retention for PageWide Colour 76x

Technical specifications

Model	HP PageWide Enterprise Color 765dn
Product number	J7Z04A
Functions	Print
Control panel	10.92 cm (4.3 in) Colour Graphics Display (CGD) with touchscreen; Rotating (adjustable angle) display; Illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
Print	
Print technology	PageWide
Print speed	Black (A4, ISO): Up to 55 ppm; Colour (A4, ISO): Up to 55 ppm; Black (A4, duplex): Up to 38 ppm; Colour (A4, duplex): Up to 38 ppm; Black (General Office): Up to 75 ppm; Colour (General Office): Up to 75 ppm
First page out ¹	Black (A4, ready): As fast as 6.7 sec; Colour (A4, ready): As fast as 6.7 sec; Black (A4, sleep): As fast as 14.6 sec; Colour (A4, sleep): As fast as 14.6 sec

Model	HP PageWide Enterprise Color 765dn
Product number	J7Z04A
Print resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Monthly duty cycle	Up to 125,000 pages (A4); Recommended monthly page volume: 2,500 to 25,000
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform; FutureSmart Firmware; HP ePrint; Apple AirPrint™; HP Auto-On/Auto-Off technology; HP Colour Access Control; HP EasyColour; Front-facing USB printing; Store print jobs; Print preview; Automatic two-sided printing; Print multiple pages per sheet (2, 4, 6, 9, 16); Collation; Booklet printing; Cover pages; Tray selection; Scaling; Portrait/Landscape orientation; High Quality Grayscale and Black Ink Only; General Office/Professional/Presentation dpi print modes; Optional: HP and third party extensibility solutions; Wireless
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
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: 4.23 mm (Default), 2 mm Edge-to-Edge mode, Bottom: 4.23 mm (Default), 2 mm Edge-to-Edge mode, Left: 4.23 mm (Default), 2 mm Edge-to-Edge mode, Right: 4.23 mm (Default), 2 mm Edge-to-Edge mode; Maximum print area: 296.5 x 448.7 mm
Borderless Printing	No
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Memory card compatibility	144-pin DDR3 DIMM
Duplex printing	Automatic (standard); Manual (driver support provided)
Processor speed	1.2 GHz
Connectivity	
Standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
Wireless	Optional, enabled with purchase of a hardware accessory
Mobile printing capability	HP ePrint, Apple AirPrint™, Google Cloud Print
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)
Memory	Standard: 1536 MB; Maximum: 2560 MB
Paper handling	
Number of paper trays	Standard: 2; Maximum: 5
Media types	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Media size	Custom (metric): Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2 to 5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCl Trays 3 & 4: A4 Supported (metric): A3, A4, A4-R, A5, A5-R, A6, RA3, RA4, SRA4, B4, B5 (JIS), 8K (270 x 390 mm), 16K (195 x 270 mm), 8k (260 x 368 mm), 16k (184 x 260 mm), 8k (273 x 394 mm), 16k (197 x 273 mm), Officio 216 x 340 mm
Media handling	Standard input: 100-sheet multipurpose tray, 550-sheet input tray Standard output: 500-sheet output bin Optional input: 1 x 550/tray (A3/A4), 1 x 550/stand (A3/A4), 3 x 550/stand (A3/A4), HCl (2 x 2,000 sheet A4)
Media weight	Tray 1: 60 to 220 g/m², 300 g/m² Photo Paper Only; Trays 2 to 5: 60 to 220 g/m²; HCl trays 3 & 4: 60 to 220 g/m²
Input capacity	Standard: Up to 650 sheets (MP: Up to 100 sheets; Tray 2: Up to 550 sheets) Maximum: Up to 4,650 Sheets
Output capacity	Standard: Up to 500 sheets Envelopes: Up to 50 envelopes Labels: Up to 200 sheets Cards: Up to 200 cards Maximum: Up to 500 sheets
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to http://www.123.HP.com or OS App Source for printer software), online user manuals
Security management	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and third-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, HP Trusted Platform Module (TPM) comes standard; 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, 18 Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks), HP Sure Start Secure Boot (BIOS integrity checking with self-healing capability), Whitelisting (loads only known good code (DLLs, EXEs, etc.)); Security Management: Compatible with HP JetAdvantage Security Manager; 21 Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver

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Product number	J7Z04A
Dimensions and Weight	
Printer dimensions (W x D x H)	Minimum: 813 x 591 x 458 mm; Maximum: 896 x 591 x 534 mm
Package dimensions (W x D x H)	790 x 760 x 651 mm
Printer weight	45.6 kg
Package weight	56.7 kg
Operating environment	Temperature: 15 to 30°C; Humidity: 30 to 70% RH
Storage	Temperature: Before initial setup (Non-Purged): -40 to 60°C; After initial setup (Purged): 0 to 60°C. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer). Humidity: 10 to 80% RH
Acoustics	Acoustic power emissions: 6.8 B(A) (printing at 56 ppm);
Power	Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Consumption: 600 watts (printing), 17 watts (ready), 1.0 watts (sleep), 1.0 watts (auto-off/auto-on), 0.3 watts (manual-off), 0.3 watts (auto-off/manual on); Typical Electricity Consumption (TEC)³: Blue Angel: 1.340 kWh/Week; Energy Star: 1.330 kWh/Week; Power supply type: Internal (Built-in) power supply
Energy savings feature technology	HP Auto-on/Auto-off Technology
Certifications	CISPR 22:2008 Class A; CISPR 32:2012 Class A; EN 55032:2012 Class A; EN 61000-3-3:2013; EN 61000-3-2:2014
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS mac, OS 10.12 Sierra, OS X 10.11 El Capitan, OS X 10.10 Yosemite, UNIX, Windows 10 all 32/64-bit editions (excluding RT OS for Tablets), Windows 7 all 32/64-bit editions, Windows 8/8.1 all 32/64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Minimum system requirements	Windows: 2 GB available hard disk space, OS hardware requirements see http://www.microsoft.com ; Mac: 1.3 GB available hard drive space; Internet; OS hardware requirements see http://www.Apple.com for more info
Country of origin	Made in Malaysia
What's in the box	HP PageWide Enterprise Colour 765dn; HP Setup Ink Cartridges (yield after setup 8,000 pages for CMY and 10,000 pages for Black); Installation guide; Support flyer; Documentation on CD-ROM; 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://www.hp.com/support to learn about HP award winning service and support options in your region.

Footnotes

¹ Lowest cost per colour page claim applies to devices that are not sold under contract: Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (€3,000-€7,499), and colour ink/laser single function printers (€1,500-€2,999) as of January/February 2017; market share as reported by IDC as of Q4 2016. Cost per page (CPP) reported by gap intelligence Pricing & Promotions Report January/February 2017, comparisons for devices/supplies not sold under contract are based on published specifications of the manufacturers' highest-capacity cartridges, inclusive of long life consumables and page yield. Average HP yield based on ISO/IEC 24711 and continuous printing in default mode. Actual yield varies based on content of printed pages and other factors. For more information, see <http://www.hp.com/go/learnaboutsupplies> and <http://www.hp.com/go/PageWideClaims>.

² Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>.

³ High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at <http://www.hp.com/go/learnaboutsupplies>.

⁴ Comparison based on printing in Professional Mode.

⁵ Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalised to determine energy efficiency of in-class A3 colour laser printers (€1,500-€2,999) and MFPs (€3,000-€7,499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary.

⁶ Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at <http://www.hp.com/go/pagewideclaims>.

⁷ Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (€3,000-€7,499), and colour ink/laser single function printers (€1,500-€2,999) as of April 2017; market share as reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at <http://www.HP.com/go/printerspeeds>.

⁸ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at <http://www.hp.com/go/printsecurity>.

Technical specifications disclaimers

¹ As fast as 7.5 sec

² Upgradeable to 2560 MB with optional DIMM

³ 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.



<http://www.hp.com/uk>

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