The new printing paradigm

HP PageWide Enterprise Color 765dn printer

The lowest cost for color[1]

Minimal interruptions. Maximum uptime.

The world's most secure printing[2]
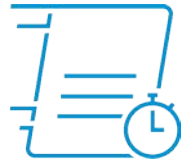
The lowest cost for color[1]

Color printing is within every business' budget with HP PageWide Technology. Produce low cost, professional-quality color on sizes up to 12 x 18 inches (305 x 457 mm), and get the results you expect from HP for an exceptional value you can rely on.

Breakthrough low-cost color

Get the quality you expect for a game-changing value—HP PageWide Technology delivers the lowest cost per color page.[1]

Original HP PageWide cartridges provide the consistent printing performance, quality, and affordability businesses demand. Optional high-yield cartridges offer an even better value, so you can print more pages and replace cartridges less often.[3] Quickly access and replace cartridges—simply push twice to insert or remove.

Fast performance, economical prints

Equip employees to speed through tasks with high-performance, professional-quality printing. Print even faster—and save even more per page—by setting your printer to General Office mode.[4] Get the quality your business needs while helping to reduce printing costs.

Minimize interruptions in productivity with an HP PageWide Enterprise device designed with the fewest parts in its class for the least maintenance.[5]

Best-in-class energy efficiency[6]

Help keep energy costs down with the most efficient printer in its class.[6] HP PageWide Technology conserves resources without compromising performance.

This printer meets rigorous standards for ISO class 5 cleanrooms—perfect for sensitive environments. Keep noise to a minimum with a device designed to be quiet. Place it near people without disrupting work.
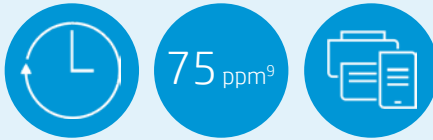
Help reduce your environmental impact. Consume up to 50% less paper, with automatic two-sided printing. Easily recycle your Original HP cartridges at no charge through HP Planet Partners.[7]

Minimal interruptions. Maximum uptime.

Annoying interruptions and complex maintenance can slow down printing and, ultimately, the pace of business. Avoid pauses in productivity with an HP PageWide device designed for maximum uptime—so you can count on reliable results day in and day out.

Move business forward

Print up to 50% faster than the competition[8]—as fast as 75 pages per minute (ppm).[9] This device wakes up and prints fast, so your documents are ready quickly.

75 ppm[9]

HP makes mobile printing easy with a variety of options that help users print and help IT keep the network safe. Easily access, print, and share resources with optional wireless networking[10] and optional NFC touch-to-print.[11]

Launch tasks at the device

Easily manage print jobs directly at the printer, without a PC. Just tap and swipe the intuitive 4.3-inch (10.9 cm) color touchscreen for a more streamlined workflow. For more information, see Appendix A on page 13.

Easily shop for, deploy and manage business printing and imaging solutions with the industry's first SaaS (Software as a Service) portal that allows for management of both apps and user access to those apps.[12,13] Choose from a collection of apps specifically selected to help streamline business processes.

Expand your capacity

Tailor this device to the needs of your business with a wide range of paper-handling accessories. Optional trays support media sizes up to 12 x 18 inches (305 x 457 mm), including a 550-sheet paper tray, 550-sheet paper tray and stand, and 3x550-sheet paper tray and stand.[14]

Print up to 4,650 pages without reloading paper, using the optional 4,000-sheet high-capacity input (HCI) tray and stand, with support up to letter (A4) size.[15]

The world's most secure printing[2]

Only HP Enterprise printers repair themselves from attacks in real time, with built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP.[2]

Always on guard

Only HP Enterprise printers offer built-in security features that are always on guard.[2]

- With HP Sure Start, each device regularly checks its operating code and repairs itself from attempted hacks.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code— digitally signed by HP.
- Run-time intrusion detection continually monitors activity to detect and stop attacks, then automatically reboots.

Thwart potential attacks by receiving instant notification of security issues, so immediate action can be taken. This printer works with tools like Splunk and ArcSight.

Take security to the next level

Help protect this printer with more than 100 embedded security features.[16] Protect information in transit over the network and stored on the device—keys, passwords, certificates, and more. Store data on the optional 256-bit encrypted HP High-Performance Secure Hard Disk.

Easily develop, deploy, and integrate HP and third-party solutions with HP Open Extensibility Platform (OXP). Add features such as card readers and more through the Hardware Integration Pocket (HIP).[17] Further safeguard data stored on the device, using the standard HP Trusted Platform Module.[18]

Centralize control to help build business efficiency

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.[19] Optional HP JetAdvantage Security Manager offers an effective, policy-based approach to help secure HP printing and imaging devices.[20] Easily set security configuration policies and automatically validate settings for every HP printer and MFP in your fleet.

Simplify business printing with the industry's first SaaS (Software as a Service) portal[12] for managing both apps and users.[13]

Regulate color use and reduce printing costs with HP Color Access Control.[21]

Save IT time and make printing easy for the entire enterprise by using a single driver for all HP devices.[22]

Get to know the HP PageWide Enterprise Color 765dn printer

4.3-inch (10.9 cm) pivoting color touchscreen

Hardware Integration Pocket[17]

Easy-access USB printing port

500-sheet output bin

100-sheet multipurpose tray 1 supports media up to 12 x 18 inches (305 x 457 mm)

Front door access to cartridges

Automatic two-sided printing

Host USB port, Ethernet network port, Hi-Speed USB 2.0 printing port

550-sheet tray 2 supports media up to 11.7 x 17 inches (297 x 432 mm)

At a glance

HP PageWide Enterprise Color 765dn

Part number	J7Z04A
Print speeds (letter and A4, black and color)[9]	Up to 55/75 ppm, Professional/General Office mode
100-sheet tray 1, 550-sheet tray 2	✓
550-sheet Paper Tray[23]	Optional
550-sheet Paper Tray and Stand[23]	Optional
3x550-sheet Paper Tray and Stand[23]	Optional
4,000-sheet HCI Tray and Stand[23]	Optional
HP High-Performance Secure Hard Disk[16]	Optional
Built-in Ethernet networking	✓
Wireless direct[10] and NFC touch-to-print[11]	Optional

Paper-handling accessories

	550-sheet Paper Tray (A7W99A)	550-sheet Paper Tray and Stand (W1B50A)	3x550-sheet Paper Tray and Stand (W1B51A)	4,000-sheet HCI Paper Tray and Stand (W1B52A)
	Supports up to 11.7 x 17 inches (297 x 432 mm)	Supports up to 11.7 x 17 inches (297 x 432 mm)	Supports up to 11.7 x 17 inches (297 x 432 mm)	Two 2,000-sheet trays that support up to letter (A4)
Optional[23]	✓	✓	✓	✓
Maximum device input with accessory[15]	1,200 sheets	1,200 sheets	2,300 sheets	4,650 sheets

Increased value generation over generation

HP PageWide Enterprise Color 765dn	HP PageWide Enterprise Color 556dn
Supports paper sizes **up to 12 x 18 inches** (305 x 457 mm)	Supports paper sizes up to 8.5 x 14 inches (216 x 356 mm)
Up to 650/4,650 sheets input (standard/maximum[15]); up to 500 sheets output	Up to 550/2,050 sheets input (standard/maximum[15]); up to 300 sheets output
100-sheet multipurpose tray 1; 550-sheet tray 2	50-sheet multipurpose tray 1, 500-sheet tray 2
RMPV:[24] 2,500 pages to **as high as 25,000 pages**	RMPV: 2,000 pages to as high as 7,500 pages
Best in class energy efficiency[6] with TEC of 1.254 kWh/Week	TEC of 1.340 kWh/Week
Standard HP Trusted Platform Module (**TPM**)[18]	Optional TPM

Technical specifications

	HP PageWide Enterprise 765dn
Product number	J7Z04A
Control panel/data entry	4.3-inch (10.9 cm) pivoting color touchscreen; easy-access USB;[25] Hardware Integration Pocket[17]
Print speed (letter and A4, black and color)[9]	
Single-sided	Professional mode: Up to 55 ppm
	General Office mode: Up to 75 ppm
Two-sided	Professional mode: Up to 38 images per minute (ipm)
First page out (letter and A4, black and color)	From ready:[26] as fast as 6.7 seconds
	From sleep:[27] as fast as 14.6 seconds
Print resolution	Black: Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color: Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Features	
Printing	HP PageWide Technology with pigmented inks, HP EasyColor, 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, control panel shortcuts, store print jobs; print from easy-access USB Microsoft Word and PowerPoint files, HP Mobile Apps, Google Cloud Print™ 2.0, Apple® AirPrint®
File formats	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy-access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy-access USB: PDF, PS, print ready files (.prn, .pcl, .cht)
Processor	1.2 GHz
Memory[28]	1536/2560 MB (standard/max)
Storage	Standard: 8 GB eMMC
	Optional: High-Performance Secure Hard Disk (AES 256 hardware encryption or greater; secure erase capabilities: Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)
Durability ratings	
RMPV[24]	2,500 pages to as high as 25,000 pages
Duty cycle[29]	Up to 125,000 pages
Media specifications	
Input capacity	Up to 650 sheets (up to 4,650 sheets maximum[15])
	Tray 1: up to 100 sheets
	Tray 2: up to 550 sheets
Output capacity	Up to 500 sheets
Two-sided printing	Automatic
Media sizes	Tray 1: 12 x 18 in, 11 x 17 in, legal, oficio, letter, letter-R, executive, executive-R, 5 x 8 in, 5 x 7 in, 4 x 6 in; RA3, A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6, Japanese Postcard, Double Japanese Postcard-R; Custom media sizes: 3.9 x 5 to 12 x 18 in (99.1 x 127 to 304.8 x 457.2 mm)
	Trays 2-5: 11 x 17 in, legal, oficio, letter, letter-R, executive, executive-R, 5 x 8 in, 5 x 7 in, 4 x 6 in; A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6, Japanese Postcard, Double Japanese Postcard-R; Custom media sizes: 8.27 x 5.83 to 11.70 x 17 in (210.1 x 148.1 to 297.2 x 431.8 mm)
	HCI Trays 3 and 4: Letter and A4 only
	Duplex: 12 x 18 in, 11 x 17 in, legal, oficio (8.5 x 13 in), letter, letter-R, executive; A3, A4, A4 to R, A5, A5 to R, RA3, RA4, SRA4, B4, B5 (JIS), B6 (JIS), 10 x 15 cm, 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), Postcard (JIS), DPostcard (JIS), oficio (216 x 340 mm)
Media weights	Tray 1: 16 to 58 lb (60 to 220 g/m²), 80 lb (300 g/m²) photo paper only
	Trays 2-5, HCI: 16 to 58 lb (60 to 220 g/m²)
Media types	Paper (plain, inkjet, inkjet brochure/glossy), photo paper, envelopes, labels, cards
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF 1.7

Fonts	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 Font (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 hp.com/go/laserjetfonts
Connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host (1 easy-access and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket[17]
Mobile printing	HP ePrint,[30] Apple AirPrint,[31] Mopria-certified, Google Cloud Print™ 2.0
	Optional: Wireless direct printing[10] and NFC touch-to-print[11] (with purchase of HP Jetdirect 3000w NFC/Wireless Accessory)
Network capabilities	Standard: via HP Jetdirect Ethernet embedded print server supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec
	Optional: 802.11a/b/g/n wireless networking (with purchase of optional HP Jetdirect 2900nw Print Server)[10]
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
Security[16]	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,[17] 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,[20] 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;[20] HP SNMP Proxy Agent; HP Web JetAdmin Software;[19] HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver[32]
Compatible operating systems[33]	Windows® OS: Windows 10 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- and 64-bit editions, Windows 8/8.1 all 32- and 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.)
	Mac OS: 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan
	Mobile OS: 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)
	Other OS: UNIX®
Compatible network operating systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server® 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/6.5/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit)
	Novell NetWare 6.5/SP8 Novell Clients novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers novell.com/iprint)
	Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
System requirements, Windows	A compatible operating system (see above); 2 GB available hard disk space; OS hardware requirements (see microsoft.com)
System requirements, Macintosh	A compatible operating system (see above); Internet; 1.3 GB available hard disk space; OS hardware requirements (see apple.com)
Dimensions (width x depth x height)	Operating: 32 x 23.25 x 18 in (813 x 591 x 458 mm)
	Maximum:[34] 35.25 x 23.25 x 21 in (896 x 591 x 534 mm)
Weight (with print cartridges)	100.53 lb (45.6 kg)

What's in the box	HP PageWide Enterprise Color 765dn printer; HP 982 Setup Black PageWide Cartridge (~10,000 pages);[35] HP 982 Setup Cyan PageWide Cartridge, HP 982 Setup Magenta PageWide Cartridge, HP 982 Setup Yellow PageWide Cartridge (CMY composite ~8,000 pages);[35] 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 hp.com/support to learn about HP award-winning service and support options in your region.
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (directs users to 123.HP.com or OS App Source for printer software), Online user manuals
HP SureSupply supported	HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit hp.com/go/SureSupply.

Environmental and power specifications

	HP Pagewide Enterprise Color 765dn
Environmental ranges	
Temperatures	Recommended operating: 63 to 77º F (17 to 25º C); Operating: 59 to 86º F (15 to 30º C); Storage before initial setup (Non-Purged): -40 to 140º F (-40 to 60º C); Storage after initial setup (Purged): 32 to 140º F (0 to 60º C).[36]
Relative Humidity	Recommended operating range: 30 to 70% RH; Operating range: 10 to 80% RH; Non-operating range: 10 to 80% RH
Acoustic pressure emissions[37]	Ready mode: inaudible; Active print: 54 dB(A)
Acoustic power emissions	Ready mode: inaudible; Active print: 6.8 B(A)
Power specifications.[38]	
Power supply	Built-in; Input voltage: 100 to 240 VAC, 50/60 Hz
Power consumption	Printing: 600 watts; Ready: 17 watts; Sleep: 1.0 watts; Auto-Off/Manual On: 0.2 watts; Manual Off: 0.2 watts
Typical Electricity Consumption (TEC)	1.254 kWh/week
Energy-saving features	HP Auto-On/Auto-Off Technology[39]
Environmental specifications	ENERGY STAR® certified; EPEAT® Silver[40]
Safety and regulatory compliance	EN 60950-1:2006 + A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 60950-1:2005 +A1:2009 +A2:2013; EN 62471:2008/IEC 62471:2010; EN 62479:2010/IEC 62479:2010; China CCC, GS, UL Listed; Other safety approvals as required by individual countries
Electromagnetic emission standard	CISPR 22:2008 Class A, CISPR 32:2012 Class A, EN 55032:2012 Class A, FCC CFR 47 Part 15 Class A/ICES-003, Issue 6 Class A, EN 61000-3-3:2013, EN 61000-3-2:2014; Other EMC approvals as required by individual countries

Ordering information

Use accessories and supplies specifically designed for the printer to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. To contact HP by country, please visit hp.com/go/contact. If you don't have access to the Internet, contact your qualified HP dealer or call HP (U.S.) at (800) 282-6672.

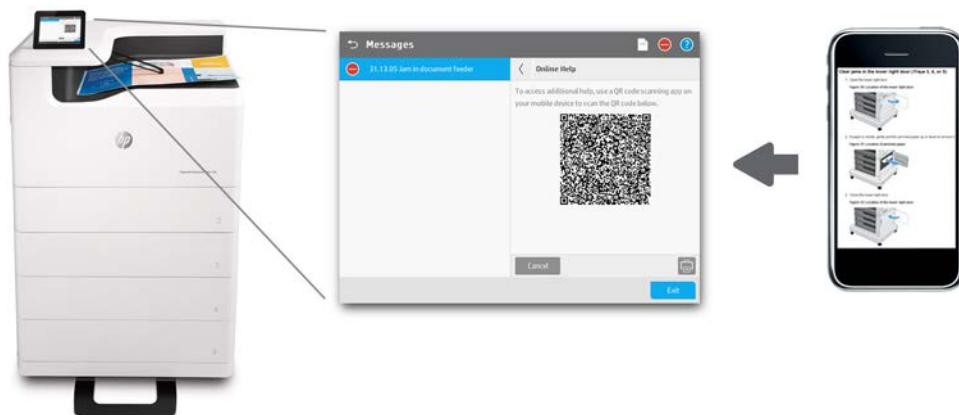| Product	HP PageWide Enterprise Color 765dn	J7Z04A
Supplies[35]	HP 982A Black Original PageWide Cartridge (~10,000 pages)	T0B26A
	HP 982X High Yield Black Original PageWide Cartridge (~20,000 pages)	T0B30A
	HP 982A Cyan Original PageWide Cartridge (~8,000 pages)	T0B23A
	HP 982X High Yield Cyan Original PageWide Cartridge (~16,000 pages)	T0B27A
	HP 982A Yellow Original PageWide Cartridge (~8,000 pages)	T0B25A
	HP 982X High Yield Yellow Original PageWide Cartridge (~16,000 pages)	T0B29A
	HP 982A Magenta Original PageWide Cartridge (~8,000 pages)	T0B24A
	HP 982X High Yield Magenta Original PageWide Cartridge (~16,000 pages)	T0B28A
	HP PageWide Printhead Wiper Kit (~150,000 pages)	W1B43A
	HP PageWide Service Fluid Container (~150,000 pages)	W1B44A
	HP PageWide Roller Kit (~150,000 pages)	W1B45A
Accessories	HP PageWide 550-sheet Paper Tray	A7W99A
	HP PageWide 550-sheet Paper Tray and Stand	W1B50A
	HP PageWide 3x550-sheet Paper Tray and Stand	W1B51A
	HP PageWide 4000-sheet HCI Paper Tray and Stand	W1B52A
	HP 1GB DDR3 x32 144-Pin 800MHz SODIMM	E5K48A
	HP High-Performance Secure Hard Disk	B5L29A
	HP Foreign Interface Harness	B5L31A
	HP Jetdirect 2900nw Print Server	J8031A
	HP Jetdirect 3000w NFC/Wireless Accessory[11]	J8030A
	HP Internal USB ports	B5L28A
HP Services Boost performance—it's your choice. HP Care provides options to help you manage imaging and printing—from Care Pack services to customizable and advisory services. With HP Managed Print Services, we oversee everything for you.	Make sure your imaging and printing investments are protected with Care Pack, part of HP Care. Pick your package of services to keep your printer running and your business moving. Now your office can spend less time trouble-shooting and more time getting things done. For a complete listing of HP Care Pack Service offerings, visit hp.com/go/cpc.[41] HP Installation Service with Network Workgroup Printer	U9JT2E
	HP 3 year Next Business Day Onsite	U9NP3E
	HP 4 year Next Business Day Onsite	U9RJ7E
	HP 5 year Next Business Day Onsite	U9NP5E
	HP 3 year 4 Hour 9x5 Onsite	U9NP6E
Solutions	HP Web Jetadmin: hp.com/go/wja HP Universal Print Driver: hp.com/go/upd HP JetAdvantage Security Manager: hp.com/go/securitymanager HP JetAdvantage On Demand Cloud Solutions: hp.com/go/jetadvantageondemand HP LaserJet Fonts, Barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/printing solutions	

Appendix A: Control panel features

Upgrade to a modern interface

The HP PageWide Enterprise Color 765dn printer is powered by HP FutureSmart 4.0 firmware. Its modern, tablet-like interface keeps things simple and intuitive across your fleet of Enterprise devices. A scalable control panel interface improves future extensibility and provides a robust set of new apps and usability features. The new Message Center, with more detailed information and helpful animations, makes it easy to address device events. The simplified home screen displays just a few core apps by default. The 4.3-inch (10.9 cm) touchscreen is shown below. Additional apps are easily accessed by swiping right to left, like with a smartphone or tablet.

The new user interface enables **swiping**, **rotate**, and **drag-and-drop** capabilities

Troubleshoot with ease

The HP PageWide Enterprise Color 765dn printer can help save your IT department valuable time when it comes to troubleshooting problems. The Remote Control Panel allows users to operate the user interface remotely, so IT can troubleshoot problems without running to the printer.[42] Users can also quickly troubleshoot technical issues with HP's innovative, cloud-based Online Help services that are relevant and up to date. Easily solve problems from your PC or mobile device. A Quick Response (QR) code on the touchscreen links to Online Help using smart phones and tablets.[43] You can also find these links in the HP Embedded Web Server event log.

Appendix B: Security features

The world's most secure printing[2]

The HP PageWide Enterprise Color 765dn printer is designed to work together with security solutions to help reduce risk, improve compliance, and protect your network from end to end. Protect your device, data, and documents with built-in and optional security features.[16]

Protect your device
As capabilities expand and devices become more integrated into your work, device security becomes increasingly important. These features help protect the printer:

- **Embedded protection:** Multi-level, built-in features help protect your device against complex security threats from boot up to shut down. For details, see hp.com/go/PrintersThatProtect.
  - HP Sure Start helps the device BIOS to boot up properly every time with unaltered HP genuine code and without corruption. If an anomaly is detected, the device can repair itself by rebooting.
  - Whitelisting helps the device firmware to load properly with HP genuine code—without corruption—every time.
  - Run-time intrusion detection guards against malware, by continually monitoring activity to detect and stop attacks. If an anomaly is detected, the device automatically reboots.
- **Encrypted storage with secure erase:** The device comes with built-in encryption to protect data. When stored data is no longer needed, use built-in device capabilities to securely overwrite data and safely remove sensitive information. HP offers multiple mechanisms to erase stored data, including functionality that is designed to conform to U.S. National Institute of Science and Technology (NIST) Special Publication 800-88.
- **Ports and protocols:** FTP and Telnet are closed by default to help prevent unsecure protocols from being used. Unused physical ports (such as host USB ports or network ports) can be disabled to prevent unauthorized use.
- **Administrator access control for device:** You can set administrator passwords so only IT staff or other authorized personnel can set up and configure device settings.
- **Common Criteria Certification:** HP Enterprise devices are certified as compliant with internationally recognized security standards, such as Common Criteria Certification (CCC) and FIPS 140.

Protect your data
Your printer harbors sensitive information—make sure it's not at risk.

- **Network protection:** 802.1x or IPsec encrypted network standards can help protect data travelling over the network between the device and management tools such as HP Web Jetadmin[19] or the Embedded Web Server.
- **Encrypt data in transit:**
  - Protect print jobs traveling to the device with encryption such as Internet Print Protocol over TLS (IPPS). Or, Secure Encrypted Print with HP Universal Print Driver[32] provides true symmetric AES256 print job encryption and decryption from the client to the page based on a user-defined password using FIPS 140 validated cryptographic libraries from Microsoft.
  - Use CipherSuite Encryption Strength to select encryption strength to prevent the use of legacy or insecure protocols for data in transit.
- **Encrypt data at rest:**
  - The optional HP High-Performance Secure Hard Disk provides full 256-bit AES hardware encryption to protect sensitive business information, such as print jobs or passwords.
  - The HP Trusted Platform Module (TPM) helps strengthen protection of encrypted credentials and data by automatically sealing device encryption keys to the TPM. It provides secure device identity by generating and protecting certificate private keys.[18]
- **Firewall:** Prevent malware and viruses from entering your network by limiting printer access to computing devices in network.

Resources

HP JetAdvantage Security Solutions:
- Web site: hp.com/go/printsecurity
- Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-1295ENW.pdf
- Video: http://hp.brightcovegallery.com/products/detail/video/4270905124001/

HP JetAdvantage Security Manager:[20]
- Web site: hp.com/go/securitymanager
- Brochure: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-9275ENW.pdf
- Video: http://hp.brightcovegallery.com/products/detail/video/4270837770001/

- **Authentication and authorization:** Manage user access using native features or optional solutions.
  - With native user authentication, you can require users to sign in with PIN/PIC, LDAP, or Windows/Kerberos authentication. You can also integrate these with Active Directory.
  - With optional authentication solutions like HP Access Control, you can enable advanced authentication using proximity cards or NFC-enabled mobile devices. To learn more, visit hp.com/go/hpac. The Hardware Integration Pocket enables integration of select card readers.[17]
- **Role-based access controls:** Restrict access to management utilities, avoid unwanted device configurations, and help reduce costs and security risks through printer feature restrictions.
  - With HP FutureSmart 4, you have more control than ever before over device security and permission settings. IT administrators can decide who can interact with certain device capabilities.
  - Optional HP Access Control Rights Management allows you to give different capabilities to different users, or even entire departments, depending on their needs. For example, you can give users access to specific imaging and printing devices to promote a more responsible use of company assets.
- **Mobile printing:** Wireless direct[10] and NFC touch-to-print[11] allow mobile users to connect to the printer without accessing the company network. HP also offers server-based mobile print solutions that provide secure pull printing, as well as advanced management and reporting capabilities. For more information about HP JetAdvantage Connect and HP Access Control, please visit hp.com/go/businessmobileprinting.
- **CA and Device Identity Certificates:** This printer supports identity certificates signed by a corporate certificate authority, which provides verification of identity and authenticity. This device also supports CA certificates for validation of identity certificates. Certificates can enable secure end-to-end communications with the device when used with features like IPsec, Secure-IPP, HP ePrint, and more. Additional certificates can be stored for validating S/MIME email servers and 802.1x authentication. Save time by using HP JetAdvantage Security Manager to automatically install and renew certificates.[20]

Safeguard your physical documents
HP offers several solutions to help keep documents from falling into the wrong hands and help prevent fraud.

- **PIN/Pull printing:** Have documents held and released only to the person who printed them. Pull printing solutions help protect sensitive data by requiring authentication at the device, and give users the flexibility of pulling the documents from any device that is enabled with the solution.
  - Built-in PIN printing: When users send confidential print jobs, they assign a PIN, which they must enter at the device to release the job.
  - HP JetAdvantage Secure Print: With this affordable solution designed for SMB, jobs can be stored in the cloud or on the user's desktop. It's easy to set up and use, allows users to release jobs from a mobile device, and supports multi-vendor devices. For more information, visit hp.com/go/JetAdvantageSecurePrint. [44]
  - HP JetAdvantage Private Print: With HP's free cloud-based solution you get the advantages of pull printing, without the complexity. It is simple to set up and does not require a server, installation, or maintenance. To learn more, visit hp.com/go/JetAdvantagePrivatePrint.[45]
  - HP Access Control Secure Pull Printing: This optional robust server-based solution offers multiple forms of authentication including badge release, as well as enterprise level security, management, and scalability. To learn more, visit hp.com/go/hpac.
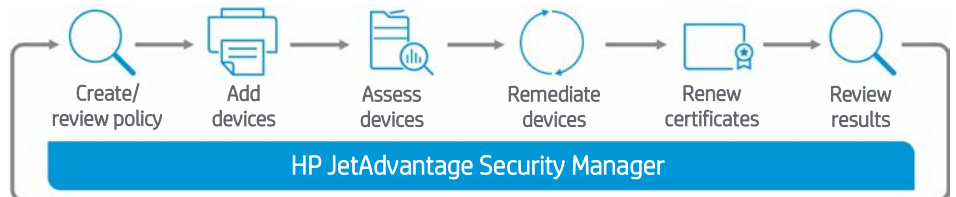
HP JetAdvantage Security Manager
Secure your HP printing fleet with the solution Buyers Laboratory (BLI) calls trailblazing.[20]

Easily manage security across the fleet

HP JetAdvantage Security Manager
Easily set security configuration policies and automatically validate settings for every HP printer in your fleet. Optional HP JetAdvantage Security Manager offers an effective, policy-based approach.[20]

- Automate many tedious tasks so you can free up time for your IT staff and protect the data and documents that matter most to your business.
- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily create a print security policy for your environment by leveraging the HP Security Manager Base Policy template.
- Secure new HP devices as soon as they are added to your network, or after a reboot, with HP Instant-on Security. The software automatically configures settings to comply with your corporate security policy.
- Improve the security of your infrastructure and device communications by deploying unique identity certificates and monitoring to ensure they remain valid. With HP Security Manager's efficient fleet management of certificates, the administrative overhead to install certificates across your fleet is now less than manually installing on a single device.
- Actively maintain and verify compliance with your defined security policies by using HP Security Manager automated monitoring and risk-based reporting.

| Create/ review policy | Add devices | Assess devices | Remediate devices | Renew certificates | Review results |

HP JetAdvantage Security Manager

To learn more about HP JetAdvantage Security Manager, please visit hp.com/go/securitymanager.

Works with SIEM tools

Get instant notification of potential security issues so immediate action can be taken to prevent potential attacks. Event data from HP Enterprise devices can be sent to Security Information and Event Management (SIEM) tools such as ArcSight, Splunk, or SIEMonster for real-time monitoring. IT security can easily view printer endpoints as part of the broader IT ecosystem to detect and resolve printer security alerts.

HP security best practices

Since 2005, HP has published security best practice checklists for networked environments common to enterprises and small to medium businesses. For more information on HP security solutions and checklists, please visit hp.com/go/printsecurity.

Appendix C: Fleet management features

Simple one-to-one device management
The printer can also be managed using the HP Embedded Web Server. Use a web browser to monitor status, configure network parameters, or access device features.

Control color access
Use HP Web Jetadmin[19] and the HP Universal Print Driver[32] to assign color access by user, time of day, or application, or disallow color output completely until it's needed for special projects. People who truly need to leverage the power of color—such as your sales team and marketing department—can, while others automatically default to black-and-white output.[21]

Resources
HP Web Jetadmin:
- Web site: hp.com/go/wja
- Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2718ENW.pdf
- Video: http://hp.brightcovegallery.com/solutions/detail/video/4271055504001/

HP Universal Print Driver:
- Web site: hp.com/go/upd
- Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-4781ENW

Efficiently manage from a central location

The HP PageWide Enterprise Color 765dn printer is supported by HP Web Jetadmin,[19] an HP JetAdvantage Management Solution. This single solution allows you to efficiently manage a wide variety of networked and PC-connected devices, including printers, multifunction products, and scanners. Remotely install, configure, troubleshoot, safeguard, and manage your devices—ultimately increasing business productivity by helping you save time, control costs, protect your assets, and provide a better return on your investment. Easily integrate new HP devices without having to upgrade HP Web Jetadmin. A universal plug-in lets you support most features of new devices and apply corporate policies in one step—helping to save time and simplify device management.[19]

HP Web Jetadmin enables you to:

- Gain a clear picture of how many and what kinds of devices you have.
- Get visibility into your supplies usage, so you can make smarter purchasing decisions, reduce spending, and even track and allocate printing costs to individual departments or users.
- Simplify, and, in many cases, automate routine tasks. For example, you can apply fleet-wide policies to automatically configure new devices with the right printing and security settings when they're added to your network.
- Give your help desk staff the tools they need—such as automatic alerts—to resolve problems quickly, and often proactively, before a call is even received.
- Verify that your devices are up-to-date with the latest firmware and are properly configured (especially important for organizations that need to meet regulatory requirements).
- Use robust tracking and reporting tools to help you make better decisions about how your devices are deployed across your organization, so you can make the most of your IT investments.
- Take advantage of additional options, like the HP Database Connectivity Module, which works together with Web Jetadmin to help you establish and help achieve environmental goals.
- Get the ultimate in investment protection with HP Web Jetadmin Premium Support. This expanded service option gives your staff access to HP's dedicated software support engineers, who provide advice, usage recommendations, problem diagnosis, and more.

HP Web Jetadmin can benefit IT-managed print environments of all sizes, from large enterprises managing thousands of devices to small businesses with just a handful. For more information—or to download this software tool at no additional charge—visit hp.com/go/wja.

Make it easy for all to print with one common driver

The HP Universal Print Driver (UPD) enables both mobile Microsoft device users and traditional desktop users to access the full features of nearly every HP device in your managed printing environment without the need for assistance.[32]

Eliminate the clutter on your computer by replacing multiple print drivers with one versatile solution. Empower IT by dramatically reducing the number of drivers they have to manage—and by giving them the tools they need to improve efficiency. With the HP UPD, your IT team can easily adjust device settings to help reduce printing costs, improve security, and help meet environmental goals. For example, it's simple to push two-sided printing or quicker sleep times across the fleet. Plus, the valuable tools in the HP UPD Printer Administrator's Resource Kit help you save time and money by streamlining IT tasks, implementing printing policies, and monitoring usage across the enterprise. You can also use the HP UPD in tandem with HP Web Jetadmin to create fleet-wide managed printer lists, reports, and more.

You can download this valuable fleet driver solution and the tools in the Printer Administrator's Resource Kit for no additional charge. For more information about how the HP UPD can help you protect your imaging and printing investment, simplify management, and boost productivity, visit hp.com/go/upd.

[1] Lowest cost per color page claim applies to devices that are not sold under contract: Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs ($3,000-$7,499), and color 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 hp.com/go/learnaboutsupplies and 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 hp.com/go/PrintersThatProtect. For more information: 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 hp.com/go/learnaboutsupplies.

[4] Comparison based on printing in Professional mode.

[5] 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% color ratio). Learn more at hp.com/go/pagewideclaims.

[6] Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 color 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.

[7] Program availability varies. For more information, visit hp.com/recycle.

[8] Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs ($3,000-$7,499 and €2,820-€7,049), and color ink/laser single function printers ($1,500-$2,999 and €1,410-€2,819) 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 hp.com/go/printerspeeds.

[9] The HP PageWide Enterprise Color 765dn prints up to 55/75 ppm, letter and A4, simplex (Professional mode/General Office mode). ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims.

[10] The HP PageWide Enterprise Color 765dn can add wireless networking with the purchase of the optional HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

[11] Touch-to-print capability is optional with the purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

[12] Based on an HP assessment of print manufacturers SaaS offerings as of September 1, 2016, no other print manufacturer offers a single cloud portal for user and app management.

[13] Requires Internet access. Supported browsers include Microsoft® Internet Explorer® 9-11, Google Chrome™ 9 and newer, Mozilla® Firefox® 4 and newer, and Safari® 5 and newer. Compatible with select HP LaserJet, PageWide, OfficeJet Pro, and Digital Sender Flow devices that can connect to the Internet. Some apps support multi-vendor environments. May require a firmware upgrade. Learn more at hp.com/go/jetadvantageondemand.

[14] The HP PageWide Enterprise Color 765dn can add one paper-handling accessory.

[15] Purchase of optional paper tray required to reach maximum input capacity.

[16] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.

[17] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

[18] Use of the standard HP Trusted Platform Module accessory may require a firmware upgrade.

[19] HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja.

[20] HP JetAdvantage Security Manager must be purchased separately. For details, see hp.com/go/securitymanager. Competitive claim based on HP internal research on competitor offerings (Device Security Comparison, January 2015) and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015.

[21] Color access control capabilities vary from device to device.

[22] The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd.

[23] The HP PageWide Enterprise Color 765dn supports paper sizes up to 12 x 18 inches (305 x 457 mm) in the 100-sheet multipurpose tray, which comes standard. The 765dn also includes one standard 550-sheet tray that supports up to 11.7 x 17 inches (297 x 432 mm). The 765dn can add one of the following paper-handling accessories: 550-sheet paper tray, 550-sheet paper tray and stand, 3x550-sheet paper tray and stand, or 4,000-sheet HCI paper tray and stand. The 550-sheet trays support up to 11.7 x 17 inches (297 x 432 mm). The optional HCI tray supports up to letter (A4) size.

[24] Recommended Monthly Page Volume: 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.

[25] An administrator must enable the easy-access USB port before use.

[26] Measured using ISO/IEC 17629. Exact speed for first page out varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims.

[27] Measured after 15 minutes in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity, and time in sleep.

[28] Upgradeable to 2560MB with optional DIMM.

[29] Duty cycle is defined as the maximum number of pages per month of imaged output. 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.

[30] Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at hp.com/go/mobileprinting.

[31] Supports the following devices running iOS 4.2 or later: iPad®, iPad® 2, iPhone (3GS or later), iPod® touch (3rd generation or later). Works with HP's AirPrint®-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent on physical environment and distance from the access point.

[32] The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd.

[33] Full solution software available only for Windows 7 and newer, UPD software available only for Windows 7 and newer, HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and scan drivers only with a reduced feature set, Windows RT OS for Tablets (32- and 64-bit) uses a simplified HP print driver built into the RT OS.

[34] Maximum dimensions of the device are measured with all paper trays folded out and standard accessories installed.

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