HP PageWide Managed Color MFP P77960dn



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.



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. http://www.hp.com/go/learnaboutsupplies

Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- 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 MFP in its class.²

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for less maintenance than laser competitors.⁵
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in color and black-and-white.6
- Print Microsoft® Word and PowerPoint® files with a USB port that quickly recognizes, formats, and prints.7
- Equip this HP PageWide MFP with a variety of accessories to meet the needs of your office.8

The world's most secure printing¹

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.

Designed with the environment in mind

- Conserve resources with HP PageWide—designed to use less energy than any laser MFP in its class.²
- This MFP meets rigorous standards for ISO class 5 cleanrooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.⁹
- Keep noise to a minimum with an MFP designed to be quiet. Place it near people without disrupting work.













¹ Based on HP review of 2018 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://hp.com/go/PrintersThatProtect. For more information: http://hp.com/go/PrintersThatProtect. For more information that http://hp.com/go/PrintersThatProtect. For more information and for printers and MFPs with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary. ³ High-yield cartridges are not included in printer purchase; purchase separately. Learn more at http://hp.com/go/learnaboutsupplies, ⁴ Comparison based on printing in Professional mode. ⁵ Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed lusing a 60% black/40% color ratiol. Learn more at http://hp.com/go/pagewideclaims. ⁶ Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs (\$3,000-\$10,299 and €2,820-€10,199), and color ink/laser single function printers (\$1,500-\$4,299 and €1,410-€4,099) as of April 2018 excluding other HP PageWide products; competitive set based on market share data as reported by IUC as of Q4 2017, MSRP data provided by gap intelligence and/or Buyers Lab. HP PageWide speeds based on General Office mode and exclude first page. Learn more at http://hp.com/go/printerspeeds. ⁷ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. ⁸ Some features require additional purchase. A FutureSmart ser

HP PageWide Managed Color MFP P77960dn Specifications Table

Functions / Multitasking Supported		Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS); Legal; Oficio 21 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 - R; Arch A-R; A4/3; A4 - R; Letter - R; 16K; 197 x 273 mm - F
Print Speed	A4: Up to 60 ppm black; Up to 60 ppm; Letter: Up to 60 ppm color First Page Out: As fast as 6.7 sec black; As fast as 6.9 sec color		x 340 mm; Unico 8.5 x 1.3; C4; SRA4; RA4 - R; Arch A-R; A43; A4 - R; Letter - R; 16K; 197 x 2/3 mm - 1 195 x 270 mm - R; executive - R; A5 - R; 16K: 184 x 260 mm - R; B5 (JIS) - R; Arch A; Statement; Lette RA4; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm;
Ouplex Print Speed	A4 : Up to 40 ppm		Executive; B5 (JIS); B6 (JIS); 5 x 7; 4 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated - R; A6;
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP		Japanese Postcard; Custom-sized media; Envelopes; Envelope B5; Envelope #10; Japanese Envelope Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelope #9; Envelope DL; Envelope Monarch;
	Premium Presentation Matte, and HP Brochure Matte); Color (best) : Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)		Envelope C6; Cards; 5 x 8 Index card; Double Japan Postcard Rotated; 4 x 6 Index card; Double Japan Postcard Rotated - R; A6 Index card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo Media; 5 x 7 Photo
Print Technology	HP PageWide Technology with pigmented inks	Media Sizes Custom	Media; 4 x 6 Photo media; 10 x 15 cm; Japanese Postcard Hagaki Photo Cards
Print Resolution Technologies	HP PageWide Technology up to 1200 \times 1200 optimized dpi from 600 \times 600 input dpi	media Sizes Custom	Tray 1: 99.1 x 127 to 304.8 x 457.2mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8mm; HCl Trays 3 & 4 A4 & Letter Only;
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Paper Handling	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin;
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM		Duplex Options: Automatic (standard); Manual (driver support provided); Auto Document Feeder Capacity. 100 sheets; Envelope Feeder: No; Standard Paper Trays: 2; Input Capacities: Up to 550 sheet:
Printer Smart Software Features	HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmir; HP ePrint, Apple AirPrint™, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, 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, Ootlonal: wireless	What's in the box	Tandem Tray; Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 2Ct + 40 for AS size and larger; Up to 400 for smaller than AS size; Up to 1600 + 200 + 40 sheets labels; 5! Universal Tray 100 - MP Tray legal; Output Capacities: Up to 500 sheets standard; Up to 50 envelope None transparencies; Up to 200 cards; Up to 200 sheets labels; Up to 500 sheets legal Y3Z63A HP PW Managed Color MFP P77960dn; HP Setup Ink Cartridges (vield after setup -8,000 pag
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer Administrator Resource Kit for HP Universal Print Driver	Replacement Cartridges	CMY and 10,000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Scan Type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)	keptacement cartriages	HP 990XC Black Contract PageWide Crtg (US/CA) (22,000) M0K28XC; HP 990XC Cyan Contract PageWide Crtg (US/CA) 16,000) M0K05XC; HP 990XC Magenta Contract PageWide Crtg (US/CA) (16,000
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		M0K09XC; HP 990XC Yellow Contract PageWide Crtg (US/CA) (16,000) M0K24XC; HP 991XC Black Contract PageWide Crtg (EU) (22,000) M0K29XC; HP 991XC Cyan Contract PageWide Crtg (EU) (16,000)
Scan File Format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), TIFF (.tif)		MOKOSK; HP 991XC Magental Contract PageWide Crtg (EU) (16,000) MOK1OXC; HP 991XC Yellow Contract PageWide Crtg (EU) (16,000) MOK1OXC; HP 991XC Yellow Contract PageWide Crtg (EU) (16,000) MOK25XC; HP 992XC Black Contract PageWide Crtg (LAR) (22,000) MOK30XC; HP 992XC Kyan Contract PageWide Crtg (LAR) (16,000) MOK17XC; HP 992XC
Scan Input Modes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint, Scan to Computer with SW. Client applications: EWS, HP Scan App, Compatible with HP Capture and Route		Magenta Contract PageWide Crig (LAR) (16,000) MKT1XC; HP 993XC Yellow Contract PageWide Crig (LAR) (16,000) MKT1XC; HP 993XC Yellow Contract PageWide Crig (LAR) (16,000) MKC1XC; HP 993XC Black Contract PageWide Crig (AP) (22,000) MKC1XC; HP 993XC Cyan Contract PageWide Crig (AP) (16,000) MKC1XC; HP 993XC Yellow Contract PageWide Crig (A
Scan Size	ADF : 280×432 mm; With "long scan size" selected, 216×864 mm; 11×17 in; With "long scan size" selected, 8.5×34 in Maximum; 101×152 mm, 4×6 in Minimum; Flatbed : 280×432 mm; 11×17 in	Product Dimensions	WXDxH: 0x 4652 x 664 mm; 23.8 x 25.7 x 26.2 in; Maximum : 1270 x 1027 x 946 mm; 50.0 x 40.4) 37.3 in
Scan Speed	Up to 60 ipm (mono and color), LEF* Duplex: Up to 120 ipm (mono and color), LEF*	Product Weight	
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; Joh onlication; Blank page suppression; HP Quick Sets; Scan and save to destinations: network folder, FTP USB flash drive, e-mail; ses oftware section for	Warranty Features	66.6 kg; ¹ ; 146.5 lb ¹
		Energy Efficiency Compliance	90 day parts only warranty. ENERGY STAR® qualified; EPEAT® Gold
	more details.	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen; rotating (adjustable angle) display;
Bit Depth / Grayscale levels Digital Sending Standard Features	24-bit / 256 Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to	Control unct	illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
	SharePoint, Scan to FTP; Send to LAN Fax; Send to Internet Fax; Color Access Control; Native authorization and authentication; Quick Sets; two-sided copying; scalability; image adjustments	Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen
	(darkness, contrast, background cleanup, sharpness); N-up, N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; edge-to-edge; job storage	Software Included	HP Device Experience (DXP), HP PCL 6 Print Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to https://123.HP.com or OS App Source for printer software), Online user
Copy Speed	Color (A4): ³	C	manuals
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi	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
Maximum Number Of Copies	Up to 9999 copies		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Copier Resize	25 to 400%		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, Nor Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage	Compatible Network Operating	editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Before initial setup (Non-Purged): -40 to 60°C; After initial setup (Purged): 0 to 60°C. If stored below th
Fax Speed	Up to: 33.6 kbps	Systems	lowest specified operating temperature, unit must slowly warm up to an approved operating
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (best) : Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard) : 204 x 98 dpi; Color (standard) : Up to 300 x	Minimum Control Demokratic	temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer).
Fax Smart Software Features	300 dpi (400 x 400 dpi for received faxes only) Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number	Minimum System Requirements	PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista® 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection,
	confirmation; Holiday fax schedule		USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or
Fax Features	Fax Memory: Up to 500 pages (black and white); Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes;		Internet connection, USB port, Microsoft® Internet Explorer 8; MAC: Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.2 GB available HD space; Internet required; USB
	Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Junk Barrier		port
	Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes, HP Software support provided; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 452 watts (max. print/copy), 107 watts (print/copy), 31 watts
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1		(ready), 1.4 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off) ²
	Hardware Integration Pocket	Acoustics	Acoustic Power Emissions: 6.8 B(A) (Print color simplex A4 at 60 ppm)
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)	Operating Environment	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 17 to 25°C; Storage Temperature Range: 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
Wireless Capability	Optional, enabled with purchase of a hardware accessory		approved operating temperature (HP recommends waiting 24 hours at approved operating
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print		temperature prior to using the printer).; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Memory	Sandard: 2816 MB System Total Standard, 1280 MB on Formatter, 1024 MB on the SCB, 512 MB on the ECB; Maximum: 3584 MB – System Total Standard; 2048 MB on Formatter (with 1024 MB DIMM); 1024 MB on the ECB, 512 MB on the ECB	Security Management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WIA-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
Processor Speed	1.2GHz / Hard disk: None. Printer uses eMMC solid state drive (SSD); Standard eMMC memory = 16GB		
Duty Cycle	Monthly, A4 : Up to 250,000 pages ⁷		(uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management:
Recommended Monthly Page Volume	2,500 to 50,000 ⁸		Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings for HP JetAdvatnage Security
Media Types Supported	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards		accessible in Arcsight and Splunk SIEMs; For more security settings for HP Jetadvatnage Security Manager go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Media Weight Supported	Tray 1: 60-220 gsm, 300 gsm Photo Paper Only; Trays 2-5: 60-220 gsm; HCl trays 3 & 4: 60-220 gsm	Accessories	2EH31A HP MFP Analog Fax Accessory 700; 2MU47A HP Accessibility Assistant; 2NR09A HP 2GB
			144-Pin DDR3 TAA Version DIMM; 3JM69A HP Jetdirect 3100w BLE/NEC/Wireless Accessory; BSL28A HI Internal USB Ports; BSL31A HP Foreign Interface Harness; CdR37A HE Jaser let MFP Analog Fax Accessory; 500; ESK48A HP 1 GB v.32 144-pin (800 MHz) DDR3 SDDIMM; ESK49A HP 2 GB v.32 144-pin (800 MHz) DDR3 SDDIMM; BJ96A HP Staple Cartridge Refilit; P1V16A HP PageWide Managed 550-shee Paper Tray; P1V17A HP PageWide Managed 550-sheet Paper Tray; P1V17A HP PageWide Managed 550-sheet Paper Tray; P1V17A HP PageWide Managed 350-sheet Paper Tray; P1V17A HP PageWide Managed 4000 Sheet Paper Tray and Stand; Y1C14A HP Laser Let Stapler/Stacker Finisher Staples
		HP Service and Support Options	U9VYSE - HP 3 year Next Business Day Onsite; U9VYOE - HP 4 year Next Business Day Onsite; U9VY1E HP 5 year Next Business Day Onsite

Learn more at hp.com

1 With ink installed, no media in trays 2 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 Consumption and Energy Star TEC values typically based on measurement of 115V device. 3 Speed specifications have been updated to reflect current industry testing methods. 4 Based on standard resolution. More complicated pages or higher resolution will take longer and use more memory. 5 ISO speeds measurement using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp. com/gloprinterclaims 6 No heating or fruit me required 7 Uptry cycle is defined as the maximum number of prints et a long first set of ISO tests pages. For details see hp. com/gloprinterclaims 6 No heating or fruit me required 7 Uptry cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Laser Jet or HP Color Laser Jet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. 8 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. 9 HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Intervals and on the Intervals and selection with original HP supplies; Interval access required. 10 All HP medial listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used 12 Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. 13 Normalized TEC (watt hours per page) ES: 0.271 Wh/page

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