HP PageWide Managed Color MFP P77950dns



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.



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 70 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.

Strong security designed to detect and stop attacks

- A suite of embedded security features help protect your printer from being an entry point for attacks.
- Help ensure the security of confidential information. Enter a PIN at the device to retrieve your print job.
- Easily set configuration policies and automatically validate settings for every HP printer in your fleet.9
- Thwart potential attacks and take immediate action with instant notification of security issues.

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 2017 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/PrintersPactivicalims. ² Energy claim based on TEC data reported on http://hp.com/go/Printersecurityclaims. ² Energy claim based on TEC data reported on http://hp.com/go/printersecurityclaims. ² Energy claim based on TEC data reported on http://hp.com/go/printersecurityclaims. ² Energy claim based on PE analysis of leading in-class A3 color laser 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 Comparison based on printing in Professional mode. ⁴ 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 using a 60% black/40% color ratio). Learn more at http://hp.com/go/pagewideclaims. ⁵ Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs (\$3,000—\$11,299 and £2,820—£11,199), and color ink/laser single function printers (\$1,500—\$4,799 and £1,410—£4,99) as of February 2018; market as reported by IDC as of 03 2017, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at http://hp.com/go/printerspeeds. ⁶ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. ⁷ Requires separate purchase. For orderials, see http://hp.com/go/securitymanager. ⁸ Program availability varies. For more information, visit http://hp.com/go/securitymanager. ⁸ Program

HP PageWide Managed Color MFP P77950dns Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax (optional) / Yes	Media Sizes Custom	Tray 1 supports (99.06 to 304.8mm) x (148.08 to 457.2 mm), Tandem Trays support (210.05 to 297.18 mm) x (148.08 to 215.9 mm), Universal Trays support (210.05 to 297.18 mm) x (148.08 to
Print Speed	A4: Up to 50 ppm; Letter: Up to 50 ppm black; Up to 50 ppm; Letter: Up to 50 ppm color ⁵ First Page		431.8mm)
Print Resolution	Out: As fast as 7.7 sec black; As fast as 8.0 sec color. ⁵⁰ Black (best): 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 (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)	Paper Handling	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; 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 Tandem Tray. Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 20
Print Technology	HP PageWide Technology with pigmented inks		+ 40 for A5 size and larger; Up to 40 for smaller than A5 size; Up to 1600 + 200 + 40 sheets labels; 55 Universal Tray 100 - MP Tray legal; Output Capacities: Up to 500 sheets standard; Up to 50 envelopes
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi		None transparencies; Up to 200 cards; Up to 200 sheets labels; Up to 500 sheets legal
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	What's in the box	Y3Z66A HP PW Managed Color MFP P77950dns; HP Setup Ink Cartridges (yield after setup ~16000
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM	Replacement Cartridges	pages CMY and 22000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord HP 992XC Black Contract PageWide Crtg (LAR) (22,000) M0K30XC; HP 992XC Cyan Contract PageWide
Printer Smart Software Features	HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; 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,	Product Dimensions	Crtg (LAR) (16,000) M0K07XC; HP 992XC Magenta Contract PageWide Crtg (LAR) (16,000) M0K11XC; H 992XC Yellow Contract PageWide Crtg (LAR) (16,000) M0K26XC
	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: wireless	Product Weight	WxDxH : 604 x 652 x 772 mm; 23.8 x 25.7 x 30.4 in; Maximum : 1270 x 1027 x 1054 mm; 50.0 x 40.4 x 41.5 in
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer	Warranty Features	82.5 kg; ¹ ; 181.5 lb ¹ 90 days parts only warranty.
Scan Type / Technology	Administrator Resource Kit for HP Universal Print Driver Flatbed, ADF / Contact Image Sensor (CIS)	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen; Rotating (adjustable angle) display;
Scan File Format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf),		Illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
C I AM- I	Searchable PDF (.pdf), Text (.txt), TIFF (.tif)	Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen
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	Software Included	HP Device Experience (DXP), HP PCL 6 Print 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
Scan Size	ADF : 297 x 864 mm; 11.7 x 34 in Maximum; 101 x 152 mm, 4 x 6 in Minimum; Flatbed : 297 x 432 mm; 11.7 x 17 in	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 (60, 7.0), Linux SUSE (13.2, 4.21), Linux Hunt (12.04, 14.04, 15.10, 16.04, 16.10), OS mecOS 10.12
Scan Speed	Up to 50 ipm (mono and color), LEF* Duplex: Up to 35 ipm (mono and color), LEF*		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; Scan and save to destinations: network folder, Computer, FTP, USB flash drive, e-mail; see software section for more details.	Compatible Network Operating	(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.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1.
Bit Depth / Grayscale levels	24-bit / 256	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
Digital Sending Standard Features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to 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 (darkness, contrast, background cleanup, sharpness); N-up, N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; edge-to-edge; job storage		SP1, Litrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix KenApp 5.0 (Plus Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit), Citrix XenApp 5.0/6.5/7.5 (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, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1
Copy Speed	Black (ISO): Up to 50 cpm; Color (ISO): Up to 50 cpm; Black (GO): Up to 50 cpm; Color (GO): Up to 50 cpm		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 www.novell.com/iprint, Novell iPrint
Copy Resolution	Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel Servers www.novell.com/iprint). Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Maximum Number Of Copies	Up to 9999 copies		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)
Copier Resize	25 to 400%		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
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage		sandaudrichte prie V Custer & Fernind is die voor in de Proposition (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201: R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Foundation/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services)
Fax Speed	Up to : 33.6 kbps	Minimum System Requirements	PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space,
Fax Resolution	Black (best): Up to 300 \times 300 dpi (400 \times 400 dpi for received faxes only); Color (best): Up to 300 \times 300 dpi (400 \times 400 dpi for received faxes only); Black (standard): 204 \times 98 dpi; Color (standard): Up to 300 \times 300 dpi (400 \times 400 dpi for received faxes only)		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, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celerom® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or
Fax Smart Software Features Fax Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax scheduler		Internet connection, USB port, Microsoft [®] Internet Explorer 8; MAC Apple [®] 05 X v10.12 Sierra, 05 X v10.11 El Capitan, 05 X v10.10 Yosemite, minimum 1.2 GB available HD space; Internet required; USB port
Tax reduces	Fax Memory. Up to 500 pages (black and white): Auto Fax Reduction Supported. Yes: Auto-Redialing. Yes: Fax Delayed Sending. No: Districtive Ring Detection Supported. No: Fax Forwarding Supported. Yes: Fax Phone TAM Interface Supported. No: Fax Polling Supported. Yes (poll to receive only): Junk Barrier Supported. Yes: Maximum Speed Dialing Numbers: Up to 1000 numbers (sech with 210 destinations): Chiterface Supported. Yes: Postware support provided: Remote Retrieval Capability Supported. No: The Software support provided: Remote Retrieval Capability Supported. No: The Software support provided: Remote Retrieval Capability Supported. No: The Software support provided: Remote Retrieval Capability Supported. No: The Software Support provided: Remote Retrieval Capability Supported. No: The Software Support provided Remote Retrieval Capability Supported. No: The Software Support provided Remote Retrieval Capability Supported. No: The Software Support provided Remote Retrieval Capability Supported. No: The Software Support provided Remote Retrieval Capability Supported. No: The Software Support provided Remote Retrieval Capability Supported. No: The Software Support Provided Remote Retrieval Capability Supported. No: The Software Support Provided Remote Retrieval Capability Supported. No: The Software Support Provided Remote Retrieval Capability Supported. No: The Software Support Provided Remote Retrieval Capability Supported No: The Software Support Provided Remote Retrieval Capability Provided Remote Provided Remote Retrieval R	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 475 watts (printing), 32 watts (ready), 1.4 watts (sleep), 0.2 watts (off) ²
	Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions: 6.7 B(A) (Print color simplex A4 at 51 ppm)
Standard Connectivity	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	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
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)		approved operating temperature (HP recommends waiting 24 hours at approved operating temperature). Non-Operating temperature prior to using the printer).: Non-Operating Humidity Range: 10 to 80% RH; Operating
Wireless Capability	Optional, enabled with purchase of a hardware accessory		Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print	Security Management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in,
Memory	Standard: 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 1024 MB On The SCB: 512 MB on the ECB		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 Tease, SSL/TLS (HTTPS),
Processor Speed	1.2GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory= 16GB, upgradeable to 128GB		Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings for HP JetAdvantage Security
Duty Cycle	Monthly, A4 : Up to 200,000 pages ⁷	Accessories	Manager go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Recommended Monthly Page Volume	2500 to 40,000 ⁸		HP PageWide Managed 550-sheet Paper Tray (P1V16A), HP PageWide Managed 550-sheet Paper Tray and Cabinet (P1V17A), HP PageWide Managed 3x550 sheet Paper Tray and Stand (P1V18A), HP
Media Types Supported	Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 55-95g, Mid-Weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardosco 176-220g, Labels,		RageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A), HP 1266B Memory Module (W1B9A), HP Internal USB Ports (BSL2BA), HP Foreign Interface Harness (BIS.31A), HP 1 GB x32 144-pin (B00 MHz) DDR3 SD0IMM (ESK4BA), HP Jetdirect 2900nw Print Server (JB031A), HP Jetdirect 3000w NFC (Wireless Accessory (B030A), HP Laser (JEM PP Analofa RA-ACCESSORY 500
Media Weight Supported	Tray 1: 60-220 gsm, 300gsm Photo Paper Only; Trays 2-5: 60-220 gsm; HCl trays 3 & 4: 60-220 gsm	-	(CC487A)
Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; BK; 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS); Legal; Oficio 216 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 – R, 195 x 270 mm – R, 6 xecutive R, A5 – R; Bit – R4 x 260 mm – R.B S (JIS) – R, Arch A; Statement, Letter; RA4; A4; S x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm; Executive, B5 (JIS); B6 (JIS); S x 74 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated – R, A6; Japanese Postcard; Custom-sized media; Erwelopes B5; Erwelope B5; Erwelope #10; Japanese Erwelope—18a (Deer Deep B5; Erwelope #15; Prwelope U; Erwelope Monarch; Erwelope (S; Cards; 5 x 8 Index card; Double Japan Postcard Rotated – R, A6 Index card; Japanese Postcard Rotated – R, A6 Index card; Japanese Postcard Rotated – R, A6 Index card; Japanese Postcard Hagaki Photo Cards	HP Service and Support Options	U9VX9E - HP 3 year Next Business Day Onsite; U9VY0E - 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 ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

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⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see http://hp.com/go/printerclaims ⁶ No heating or fusing warm up time required ⁷ Duty 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 let or HP Color Laser let devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁶ 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 Internet. For more information, visit http://hp.com/learn/suresupply. Only available with original HP supplies; Internet access required. ¹⁰ All HP media 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.