HP PageWide Enterprise Color MFP 780dns

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 color cost,[1] maximum uptime, and the industry's strongest security.[2]

The lowest cost for color[1]

- Get the quality you expect with HP PageWide Technology that delivers the lowest cost per color 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 MFP in its class.[5]

Minimal interruptions. Maximum uptime.

- Minimize 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 65 ppm in color and black-and-white.[7]
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft® Office 365 and SharePoint, plus email, USB, and network folders.[8]

The world's most secure printing[2]

- 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 a encrypted hard disk.[9]
- 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.

HP Smart App

HP PageWide Enterprise Color MFP 780dns Specifications Table

Functions / Multitasking supported	Print, copy, scan, fax (optional) / Yes
Print Speed5 6	**Black (ISO)**: Up to 45 cpm; **Color (ISO)**: Up to 45 cpm; **First Page Out Black**: As fast as 7.1 sec; **First Page Out Color**: As fast as 7.1 sec; **Black (Draft)**: Up to 65 ppm; **Color (Draft)**: Up to 65 ppm
Print Resolution	**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)
Print Technology	HP PageWide Technology
Printer Drivers Included	On Web: Windows PCL 6 Discrete, Mac PS, HP Universal Print Drivers (PCL6, PCL5 & PS for Windows), HP ePrint Software (for Windows), Linux/Unix Print Drivers, SAP: PCL 5 and PS Print Drivers, From other sites: mobile apps
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Standard Print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
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 Color Access Control, HP EasyColor, Front-facing USB printing, store print jobs, 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, Optional: HP and third party extensibility solutions; wireless
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
Scan Type / Technology	Flatbed, ADF / Charge Coupled Device (CCD) & Contact Image Sensor (CIS)
Scan Resolution	**Hardware**: Up to 600 ppi; **Optical**: Up to 600 ppi
Scan File Format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Scan Input Modes	Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications
Scan Size	**ADF**: 11.7 x 17 in; Up to 11.7 x 39 in when "long scan size" selected Maximum; 2.7 x 5.8 in Minimum **Flatbed**: 297 x 432 mm
Scan Speed7	Up to 90 ipm simplex and up to 180 ipm duplex
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
Bit depth / Grayscale levels	24-bit / 256
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF
Copy Speed Up to 45 cpm	**Black (ISO)**: Up to 45 cpm; **Color (ISO)**: Up to 45 cpm; **Black (Draft)**: Up to 45 cpm; **Color (Draft)**: Up to 45 cpm
Copy Resolution	**Black (text and graphics)**: Up to 600 x 600 dpi; Up to 600 x 600 dpi; **Color (text and graphics)**: Up to 600 x 600 dpi
Maximum Number Of Copies	Up to 9999 copies
Copier Resize	25 to 400%
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, bac kground cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage
Fax Speed4	**Up to**: 33.6 kbps; **Letter**: 3 sec per page
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
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Fax Features	**Fax Memory**: Up to 500 pages; **Auto Fax Reduction Supported**: Yes; **Auto–Redialing**: Yes; **Fax Delayed Sending**: No; **Distinctive Ring Detection Supported**: No; **Fax Forwarding Supported**: Yes; **Fax Phone TAM Interface Supported**: No; **Fax Polling Supported**: Yes (poll to receive only); **Fax Telephone Mode Supported**: No; **Junk Barrier Supported**: Yes; **Maximum Speed Dialing Numbers**: Up to 1000 numbers (each with 210 destinations); **PC Interface Supported**: Yes; **Remote Retrieval Capability Supported**: No; **Telephone Handset Supported**: No
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
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)
Wireless Capability	Optional, enabled with purchase of a hardware accessory
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print
Memory	**Standard**: 3584 MB; **Maximum**: 3584 MB
Processor Speed	1.2 GHz / **Hard disk**: 320 GB 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)
Duty Cycle	**Monthly, letter**: Up to 100,000 pages
Media Types Supported	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Media Weight Supported	Tray 1: 16 to 58 lb, 80 lb Photo Paper Only; Trays 2-5: 16 to 58 lb; HCI Trays 3 & 4: 16 to 58 lb

Media Sizes Supported	Tray 1: 12 x 18, 11 x 17, Legal, Oficio, Letter, Letter-R, E x ecutive, E x ecutive-R, 5 x 8, 5 x 7, 4 x 6; Trays 2-5: 11 x 17, Legal, Oficio, Letter, Letter-R, E x ecutive, E x ecutive-R, 5 x 8, 5 x 7, 4 x 6; HCI Trays 3 & 4: Letter
Media Sizes Custom	Tray 1: 3.9 x 5 to 12 x 18; Tray 2-5: 8.27 x 5.83 to 11.70 x 17; HCI Trays 3 & 4: A4 & Letter Only
Paper Handling	100-sheet multipurpose tray, 550-sheet input tray; 500-sheet output bin, 350-sheet stapler stacker; **Duplex Options**: Automatic (standard); Manual (driver support provided); **Auto Document Feeder Capacity**: 200 sheets, 75 g/m²; **Envelope Feeder**: No; **Standard Paper Trays**: 2 trays; **Input Capacities**: Up to 650 sheets (MP: up to 100 sheets, Tray 2: up to 550 sheets) standard; Up to 10 envelopes; Up to 240 cards; Up to 1840 sheets labels; Up to 650 sheets legal; **Output Capacities**: Up to 850 sheets standard; Up to 50 envelopes; Up to 200 labels labels
What's in the box	**J7Z10A** HP PageWide Enterprise Color Flow MFP 780dns; HP Setup Ink Cartridges (yield after setup ~8000 pages CMY and 10000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Replacement Cartridges3	HP 982A Black Original PageWide Crtg (10,000 yield) T0B26A; HP 982A Cyan Original PageWide Crtg (8,000 yield) T0B23A; HP 982A Magenta Original PageWide Crtg (8,000 yield) T0B24A; HP 982A Yellow Original PageWide Crtg (8,000 yield) T0B25A; HP 982X Black Original PageWide Crtg (20,000 yield) T0B30A; HP 982X Cyan Original PageWide Crtg (16,000 yield) T0B27A; HP 982X Magenta Original PageWide Crtg (16,000 yield) T0B28A; HP 982X Yellow Original PageWide Crtg (16,000 yield) T0B29A
Product Dimensions	**W x D x H**: 32 x 24.25 x 31.125 in; **Maximum**: 35.25 x 28.25 x 31.125 in
Product Weight	181 lb
Warranty Features	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. (wty code 4G)
Control Panel	8.0-in (20.3 cm) Color 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
Display Description	8.0 in (20.3 cm) touchscreen, XVA Color Graphic Display (CGD)
Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 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
Compatible Operating Systems	Go to hp.com/search for HP PageWide Enterprise Color MFP 780dns for all operating Systems
Compatible Network Operating Systems	Go to hp.com/search for HP PageWide Enterprise Color MFP 780dns for all operating Systems
Minimum System Requirements	PC: 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 Apple.com for more info
Power	**Power Supply Type**: Internal (Built-in) power supply; **Power Requirements**: Input voltage: 100 to 240 VAC, 50/60 Hz; **Power Consumption**: 660 watts (print/copy), 42 watts (ready), 1.4 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off)
Acoustics	**Acoustic Power Emissions**: 6.7 B(A); **Acoustic Pressure Emissions**: 53 dB(A) (printing at 46ppm)
Operating Environment	**Operating Temperature Range**: 59 to 86ºC; **Recommended Operating Temperature**: 63 to 77ºC; **Storage Temperature Range**: Before initial setup (Non-Purged): -40 to 140ºF; After initial setup (Purged): 32 to 140ºF. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP reco mmends waiting 24 hours at approved operating 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
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
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 High-Performance Secure Hard Disk B5L29A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM E5K48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP LaserJet MFP Analog Fax Accessory 500 CC487A, HP Staple Refill Cartridge J8J96A
HP Service and Support Options	U9RJ6E - HP 3 year Next Business Day with Disk Media Retention Service; U9RJ7E - HP 4 year Next Business Day with Disk Media Retention Service; U9RJ8E - HP 5 year Next Business Day with Disk Media Retention Service.

Learn more at
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