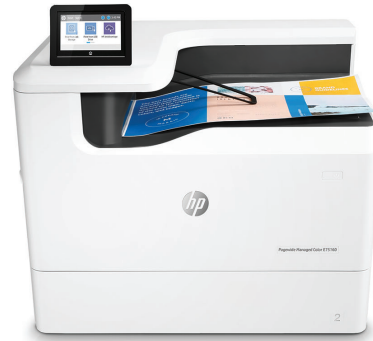# HP PageWide Managed Color E75160dn printer

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.

Professional mode speed: Up to 60 ppm black; Up to 60 ppm color
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
Paper Handling: 100-sheet multipurpose tray, 550-sheet input tray; 500-sheet output bin; Duplex Options: Automatic (standard); Manual (driver support provided)
Duty cycle (monthly): Up to 250,000 pages

Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per color page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.[2]
- Print even faster—and save even more per page—by setting this printer to General Office mode.[3]
- Help keep energy costs down with the most efficient printer in its class.[4]

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed printer designed for the least maintenance in its class.[5]
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in color and black-and-white.[6]
- Tailor this printer to the needs of your business with a wide range of paper-handling accessories.
- Grab pages and go—without waiting. This device wakes up and prints fast, so your documents are ready quickly.

The world's most secure printing[1]

- 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.[7]
- 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

[1] 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: http://www.hp.com/go/printersecurityclaims [2] High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/learnaboutsupplies [3] Comparison based on printing in Professional Mode. [4] 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 ($1500-$2999) and MFPs ($3000–$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. [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 http://www.hp.com/go/pagewideclaims [6] Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs ($3000-$7499 and €2820-€7049), and color ink/laser single function printers ($1500-$2999 and €1410-€2819) as of April 2017; market share as reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at http://www.HP.com/go/printerspeeds [7] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity

HP PageWide Managed Color E75160dn printer Specifications Table

Functions / Multitasking supported	Print
Print Speed [3]	**Black (ISO)**: Up to 60 ppm; **Color (ISO)**: Up to 60 ppm; **First Page Out Black**: As fast as 6.7 seconds; **First Page Out Color**: As fast as 6.7 seconds; **Black (GO)**: Up to 80 ppm; **Color (GO)**: Up to 80 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	PageWide
Printer Drivers Included	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Borderless Printing	No
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
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 [4]	**Standard**: 1536 MB; **Maximum**: 2560 MB
Processor Speed	1.2 GHz / **Hard disk:** Standard, 8 GB eMMC; Optional 500 GB HP High-Performance Secure Hard Disk
Duty Cycle	**Monthly, letter**: Up to 250,000 pages
Recommended Monthly Page Volume	2500 to 50,000
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	Letter, Letter-R, Legal, Executive, Statement, Officio (8.5x13), 11x17, 12x18, 4x6, 5x7, 5x8, Envelope #10, Envelope B5, Envelope C5, Envelope C6, Envelope DL, Envelop Chou #3
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; **Duplex Options**: Automatic (standard); Manual (driver support provided); **Envelope Feeder**: No; **Standard Paper Trays**: 2; **Input Capacities**: Up to 650 sheets (MP: up to 100 sheets, Tray 2: up to 550 sheets) standard; Up to 10 envelopes; Up to 200 (Tray 2) + 40 (MP Tray) for A5 size and larger; Up to 40 (MP Tray only) for smaller than A5 size; Up to 1840 sheets labels; Up to 550+100 (MP Tray) legal; **Output Capacities**: Up to 500 sheets standard; Up to 50 envelopes; Up to 200 cards; Up to 200 sheets labels; Up to 500 sheets legal
What's in the box	**J7Z06A** HP PageWide Managed Color E75160dn; HP Setup Ink Cartridges (yield after setup ~8,000 pages for CMY and 10,000 pages for Black); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Replacement Cartridges	HP 990XC Black Contract PageWide Crtg (US) (22,000) M0K28XC; HP 990XC Cyan Contract PageWide Crtg (US) (16,000) M0K05XC; HP 990XC Magenta Contract PageWide Crtg (US) (16,000) M0K09XC; HP 990XC Yellow Contract PageWide Crtg (US) (16,000) M0K24XC; HP 991XC Black Contract PageWide Crtg (EU) (22,000) M0K29XC; HP 991XC Cyan Contract PageWide Crtg (EU) (16,000) M0K06XC; HP 991XC Magenta Contract PageWide Crtg (EU) (16,000) M0K10XC; HP 991XC Yellow Contract PageWide Crtg (EU) (16,000) M0K25XC; HP 992XC Black Contract PageWide Crtg (LAR) (22,000) M0K30XC; HP 992XC Cyan Contract PageWide Crtg (LAR) (16,000) M0K11XC; HP 992XC Magenta Contract PageWide Crtg (LAR) (16,000) M0K26XC; HP 992XC Yellow Contract PageWide Crtg (LAR) (16,000) M0K30XC; HP 993XC Black Contract PageWide Crtg (AP) (22,000) M0K31XC; HP 993XC Cyan Contract PageWide Crtg (AP) (16,000) M0K08XC; HP 993XC Magenta Contract PageWide Crtg (AP) (16,000) M0K12XC; HP 993XC Yellow Contract PageWide Crtg (AP) (16,000) M0K27XC
Product Dimensions	**W x D x H**: 32 x 23.25 x 18 in; **Maximum**: 35.25 x 23.25 x 21 in
Product Weight	100.53 lb
Warranty Features	90 days parts only 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. (wty code 3R)"

Control Panel	4.3-in (10.92 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	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen
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	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
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 www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.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)
Minimum System Requirements	**PC**: 2 GB available hard disk space, OS hardware requirements see microsoft.com; **MAC**: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Power	**Power Supply Type**: Built-in power supply; **Power Requirements**: Input voltage: 100 to 240 VAC, 50/60 Hz; **Power Consumption**: 660 watts (print/copy), 42 watts (ready), 1.6 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off)
Acoustics	**Acoustic Power Emissions**: 6.9 B(A) (printing at 61 ppm); **Acoustic Pressure Emissions**: 55 dB(A) (printing at 61 ppm)
Operating Environment	**Operating Temperature Range**: 59 to 86ºF; **Recommended Operating Temperature**: 63 to 77ºF; **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 recommends 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 Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray and Stand P1V17A, HP PageWide Managed 3x550-sheet Paper Tray and Stand P1V18A, HP PageWide Managed 4000-sheet HCI Paper Tray and Stand P1V19A, 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 Service and Support Options	U9RP4E - HP 3 year Next Business Day w/Disk Media Retention PgWd Color 75160 Manage Service; U9RP5E - HP 4 year Next Business Day w/Disk Media Retention PgWd Color 75160 Manage Service; U9RP6E - HP 5 year Next Business Day w/Disk Media Retention PgWd Color 75160 Manage Service

Learn more at
hp.com

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[1] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device. [2] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting. [3] As fast as 7.5 seconds [4] Upgradeable to 2560MB with optional DIMM

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