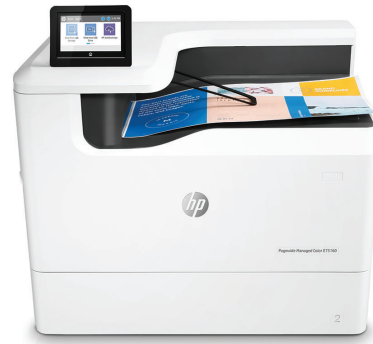




# HP PageWide Managed Color E75160dn printer

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.



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 cost per color page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.<sup>2</sup>
- Print even faster—and save even more per page—by setting this printer to General Office mode.<sup>3</sup>
- Help keep energy costs down with the most efficient printer in its class.<sup>4</sup>

## Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed printer designed for the least maintenance in its class.<sup>5</sup>
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in color and black-and-white.<sup>6</sup>
- 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<sup>1</sup>

- 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.



<sup>1</sup> 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://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims> <sup>2</sup> 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> <sup>3</sup> Comparison based on printing in Professional Mode. <sup>4</sup> Energy claim based on TEC data reported on [energystar.gov](http://energystar.gov) as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers and MFPs with print speeds between 20-80 ppm as of February 2018. Subject to device settings. Actual results may vary. <sup>5</sup> 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> <sup>6</sup> 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>

# HP PageWide Managed Color E75160dn printer Specifications Table

<b>Functions</b>	Print	<b>Compatible Operating Systems</b>	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.)
<b>Print Speed</b>	<b>First Page Out A4:</b> As fast as 6.7 seconds black; As fast as 6.7 seconds color <b>First Page Out Letter:</b> As fast as 6.7 seconds black; As fast as 6.7 seconds color <b>A4:</b> Up to 60 ppm black; Up to 60 ppm color. <b>Letter:</b> Up to 60 ppm black; Up to 60 ppm color. <b>Draft A4:</b> Up to 80 ppm black; Up to 80 ppm color. <b>Draft Letter:</b> Up to 80 ppm black; Up to 80 ppm color. <b>ISO:</b> Up to 60 ppm black; Up to 60 ppm color	<b>Compatible Network Operating Systems</b>	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/print, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.novell.com/print, Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 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)
<b>2-sided printing</b>	<b>A4:</b> Up to 40 ppm black; Up to 40 ppm black; <b>Letter:</b> Up to 40 ppm black; Up to 40 ppm color	<b>Minimum System Requirements</b>	<b>PC:</b> 2 GB available hard disk space, OS hardware requirements see microsoft.com; <b>MAC:</b> 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); <b>Color (best):</b> Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)	<b>Power</b>	<b>Power Supply Type:</b> Built-in power supply. <b>Power Requirements:</b> Input voltage: 100 to 240 VAC, 50/60 Hz; <b>Power Consumption:</b> 600 watts (max. print/copy), 107 watts (print/copy), 17 watts (ready), 0.98 watts (sleep), 0.98 watts (HP Auto-off/Auto-on), 0.2 watts (auto-off), 0.2 watts (off); <b>Typical electricity consumption (TEC) number:</b> 1.340 kWh/Week (Blue Angel); 0.450 kWh/Week (Energy Star 3.0) <sup>1,5</sup>
<b>Print Technology</b>	PageWide	<b>Acoustics</b>	<b>Acoustic Power Emissions (active):</b> 6.9 B(A) (printing at 61 ppm); <b>Acoustic Power Emissions (ready):</b> Inaudible; <b>Acoustic Pressure Emissions (ready):</b> Inaudible
<b>Print Cartridges Number</b>	4 (1 each black, cyan, magenta, yellow)	<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 15 to 30°C; <b>Recommended Operating Temperature:</b> 17 to 25°C; <b>Storage Temperature Range:</b> 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 approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer.); <b>Non-Operating Humidity Range:</b> 10 to 80% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH
<b>Borderless Printing</b>	No	<b>Security Management</b>	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 <a href="http://h10032.www1.hp.com/ctg/Manual/c03602120">http://h10032.www1.hp.com/ctg/Manual/c03602120</a>
<b>Standard Print Languages</b>	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7	<b>Accessories</b>	2MU47A HP Accessibility Assistant; 2NR09A HP 2GB 144-pin DDR3 TAA Version DIMM; 2NR12A HP Removable Hard Drive Enclosure; 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory; 5LE03A HP TAA Version Secure Hard Disk Drive; A7W99A HP PageWide 550-sheet Paper Tray; B5L28A HP Internal USB Ports; B5L29A HP High-Performance Secure Hard Disk; B5L31A HP Foreign Interface Harness; E5K48A HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM; E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM; J8030A HP Jetdirect 3000w NFC/Wireless Accessory; J8031A HP Jetdirect 2900w Print Server; P1V16A HP PageWide Managed 550-sheet Paper Tray; P1V17A HP PageWide Managed 550-sheet Paper Tray and Cabinet; P1V18A HP PageWide Managed 3x550 sheet Paper Tray and Stand; P1V19A HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand; W1B43A HP PageWide Printhead Wiper Kit; W1B44A HP PageWide Service Fluid Container; W1B45A HP PageWide Roller Kit; W1B50A HP PageWide 550-sheet Paper Tray Stand; W1B51A HP PageWide 3x550-sheet Paper Tray Stand; W1B52A HP PageWide 4K Sheet HCl Paper Tray Stand
<b>Printer Smart Software Features</b>	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	<b>HP Service and Support Options</b>	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
<b>Printer Management</b>	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver	<b>Learn more at</b>	<a href="http://hp.com">hp.com</a>
<b>Standard Connectivity</b>	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		
<b>Network Capabilities</b>	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)		
<b>Wireless Capability</b>	Optional, enabled with purchase of a hardware accessory		
<b>Mobile Printing Capability</b>	HP ePrint, Apple AirPrint™, Google Cloud Print		
<b>Memory</b>	<b>Standard:</b> 1536 MB; <b>Maximum:</b> 2560 MB		
<b>Processor Speed</b>	1.2 GHz / <b>Hard disk:</b> Standard, 8 GB eMMC; Optional 500 GB HP High-Performance Secure Hard Disk		
<b>Duty Cycle</b>	<b>Monthly, A4:</b> Up to 250,000 pages; <b>Monthly, Letter:</b> Up to 250,000 pages		
<b>Recommended Monthly Page Volume</b>	2500 to 50,000		
<b>Media Types Supported</b>	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards		
<b>Media Weight Supported</b>	Tray 1: 60 to 220 g/m <sup>2</sup> ; 300 g/m <sup>2</sup> Photo Paper Only; Trays 2 to 5: 60 to 220 g/m <sup>2</sup> ; HCl trays 3 & 4: 60 to 220 g/m <sup>2</sup>		
<b>Media Sizes Supported</b>	A3, A4, A4-R, A5, A5-R, A6, RA3, RA4, SRA4, B4, B5 (US), 8K (270x390mm), 16K (195x270mm), 8k (184x260mm), 16k (184x394mm), 16k (197x273mm), Office1216x340mm		
<b>Media Sizes Custom</b>	Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCl Trays 3 & 4: A4 & Letter Only		
<b>Paper Handling</b>	100-sheet multipurpose tray, 550-sheet input tray; 500-sheet output bin; <b>Duplex Options:</b> Automatic (standard); Manual (driver support provided); <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Input Capacities:</b> Up to 650 sheets (MP: up to 100 sheets, Tray 2: up to 550 sheets), standard; Up to 10 envelopes; <b>Output Capacities:</b> Up to 500 sheets, standard; Up to 50 envelopes, transparencies		
<b>What's in the box</b>	<b>J7Z06A</b> 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		
<b>Replacement Cartridges</b>	HP 992XC Black Contract PageWide Cartridge (~22,000 pages) MOK30XC; HP 992XC Cyan Contract PageWide Cartridge (~16,000 pages) MOK11XC; HP 992XC Magenta Contract PageWide Cartridge (~16,000 pages) MOK26XC; HP 992XC Yellow Contract PageWide Cartridge (~16,000 pages) MOK30XC		
<b>Product Dimensions</b>	<b>W x D x H:</b> 813 x 591 x 458 mm; 32 x 23.25 x 18 in; <b>Maximum:</b> 896 x 591 x 534 mm; 35.25 x 23.25 x 21 in		
<b>Product Weight</b>	45.6 kg ; 100.53 lb		
<b>Warranty Features</b>	90 day parts only warranty.		
<b>Energy Star Certified</b>	Yes		
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified		
<b>Control Panel</b>	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		
<b>Display Description</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen		
<b>Software Included</b>	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		
<b>Fonts and Typefaces</b>	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 Fonts (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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>		

<sup>1</sup> 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. <sup>2</sup> Based on the BA TEC method with the following possible exceptions: <sup>3</sup> 1 minute or less sleep delay setting. <sup>4</sup> As fast as 7.5 seconds <sup>5</sup> Upgradeable to 2560MB with optional DIMM <sup>6</sup> Normalized TEC (watt hours per page) BA: 0.150 Wh/page, ES: 0.148 Wh/page

