HP PageWide Managed Color MFP E77650 Series

HP PageWide delivers a breakthrough low colour cost, maximum uptime, and the strongest security.[1]

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.

HP PageWide Managed Color MFP E77650dn

HP PageWide Managed Color MFP E77650dns

HP PageWide Managed Color Flow MFP E77650z

HP PageWide Managed Color Flow MFP E77650zs

Affordable colour printing for every office
- Depend on lasting value. Get the results you expect for a game-changing low cost per colour 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 MFP designed for the least maintenance in its class.[5]
- Print speeds up to 50% faster than competitors—as fast as 70 ppm in colour and black-and-white.[6]
- 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.[7]

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 MFP and in transit over the network, and store data on the encrypted hard disk.[8]
- 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.

Give workgroups the speed they need
- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 200 pages into the automatic document feeder for fast, unattended scanning.

RPG Squarefoot Solutions
(800) 521-6319
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Product walkaround

HP PageWide Managed Color MFP E77650dn shown

20.3 cm (8.0 inch) pivoting colour touchscreen

Hardware Integration Pocket[1]

Easy-access USB printing port[2]

100-sheet multipurpose tray 1 supports media up to 305 x 457 mm (12 x 18 inches)

550-sheet tray 2 supports media up to 297 x 432 mm (11.7 x 17 inches)

200-sheet ADF with single-pass, two-sided scanning supports media up to 11 x 17 inches (A3)

Flatbed scanner handles sheets up to 297 x 432 mm (11.7 x 17 inches)

500-sheet output bin

Front door access to cartridges

Automatic two-sided printing

Ethernet port, 2 Hi-Speed USB 2.0 Host ports, Hi-speed USB 2.0 Device port

Series at a glance

HP PageWide Managed Color MFP E77650dn (J7Z13A)
- Print, scan, copy
- Print speeds: Up to 50/70 ppm, Professional/General Office mode
- 20.3 cm (8.0 inch) pivoting colour touchscreen
- 200-sheet ADF with single-pass, two-sided scanning and copying up to 11 x 17 inches (A3)
- Scan to email, USB drive, network folders, and Microsoft® SharePoint®

HP PageWide Managed Color MFP E77650dns (Z5G79A)
- Print, scan, copy
- Print speeds: Up to 50/70 ppm, Professional/General Office mode
- 20.3 cm (8.0 inch) pivoting colour touchscreen
- 200-sheet ADF with single-pass, two-sided scanning and copying up to 11 x 17 inches (A3)
- Scan to email, USB drive, network folders, and Microsoft® SharePoint®
- 350-sheet inner finisher with stapler

HP PageWide Managed Color Flow MFP E77650z (J7Z08A)
- Print, scan, copy
- Print speeds: Up to 50/70 ppm, Professional/General Office mode
- 20.3 cm (8.0 inch) pivoting colour touchscreen
- 200-sheet ADF with single-pass, two-sided scanning and copying up to 11 x 17 inches (A3)
- Scan to email, USB drive, network folders, and Microsoft® SharePoint®
- Retractable keyboard
- HP EveryPage with ultrasonic detection, embedded OCR
- Automatic page orientation, cropping, and tone adjustment

HP PageWide Managed Color Flow MFP E77650zs (J7Z14A)
- Print, scan, copy
- Print speeds: Up to 0/70 ppm, Professional/General Office mode
- 20.3 cm (8.0 inch) pivoting colour touchscreen
- 200-sheet ADF with single-pass, two-sided scanning and copying up to 11 x 17 inches (A3)
- Scan to email, USB drive, network folders, and Microsoft® SharePoint®
- 350-sheet inner finisher with stapler
- Retractable keyboard
- HP EveryPage with ultrasonic detection, embedded OCR
- Automatic page orientation, cropping, and tone adjustment

Optional paper-handling accessories

	550-sheet paper tray (P1V16A)	550-sheet paper tray and cabinet (P1V17A)	3x550-sheet paper tray and stand (P1V18A)	4,000-sheet HCI paper tray and stand (P1V19A)
	Supports up to 297 x 432 mm (11.7 x 17 inches)	Supports up to 297 x 432 mm (11.7 x 17 inches)	Supports up to 297 x 432 mm (11.7 x 17 inches)	Two 2,000-sheet trays that support up to letter (A4)
Optional	Add up to one	Add up to one	Add up to one	Add up to one
Maximum input capacity[3]	Up to 1,200 sheets	Up to 1,200 sheets	Up to 2,300 sheets	Up to 4,650 sheets

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. [2] An administrator must enable the easy-access USB port before use. [3] Purchase of optional paper tray required to reach maximum input capacity.

Top Features

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability): 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime): Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support): Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Top Features

Colour printing is within every business' budget with HP PageWide Technology. Print professional-quality colour for a breakthrough low cost—results you expect from HP for an exceptional value you can rely on.

Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP PageWide device designed for maximum uptime—so you can count on reliable results day in and day out.

Only HP Enterprise printers repair themselves from attacks in real time, with built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP.[1]

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 240 ipm[2]—and avoid extra steps with a Flow MFP designed for maximum productivity.

Product

J7Z13A	HP PageWide Managed Color MFP E77650dn
Z5G79A	HP PageWide Managed Color MFP E77650dns
J7Z08A	HP PageWide Managed Color Flow MFP E77650z
J7Z14A	HP PageWide Managed Color Flow MFP E77650zs

Accessories

P1V16A	HP PageWide Managed 550-sheet Paper Tray
P1V17A	HP PageWide Managed 550-sheet Paper Tray and Stand
P1V18A	HP PageWide Managed 3x550-sheet Paper Tray and Stand
P1V19A	HP PageWide Managed 4000-sheet HCI Paper Tray and Stand
B5L29A	HP High-Performance Secure Hard Disk (FIPS Drive) (300GB)
B5L28A	HP Internal USB Ports
B5L31A	HP Foreign Interface Harness
E5K48A	HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM
J8031A	HP Jetdirect 2900nw Print Server
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
CC487A	HP LaserJet MFP Analog Fax Accessory 500
J8J96A	Staple Cartridge Kit (dns or zs model only)

Replacement Cartridges and LLC's[3]

M0K31XC	HP 993XC Black Contract PageWide Cartridge (22,000)
M0K08XC	HP 993XC Cyan Contract PageWide Cartridge (16,000)
M0K12XC	HP 993XC Magenta Contract PageWide Cartridge (16,000)
M0K27XC	HP 993XC Yellow Contract PageWide Cartridge (16,000)
W1B44A	HP PageWide Service Fluid Container (~150,000 pages)
W1B43A	HP PageWide Printhead Wiper Kit (~150,000 pages)
W1B45A	HP PageWide Roller Kit (~150,000 pages)

HP Care Packs

U9RL1E	HP 1-year Next Business Day w/DMR PageWide Color 776xx Managed SVC
U9RL2E	HP 3-year Next Business Day w/DMR PageWide Color 776xx Managed SVC
U9RL4E	HP 5-year Next Business Day w/DMR PageWide Color 776xx Managed SVC
U9RL5E	HP 3-year 4h9x5w/DMR PageWide Color 776xx Managed SVC
U9RL7E	HP 5-year 4h9x5w/DMR PageWide Color 776xx Managed SVC
U9JT2E	HP Installation Service w Network Workgroup Printer

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Recommended Papers[4]

Z7S68A	HP PageWide Bro GL A3 100 sheets FSC Paper
Z7S67A	HP PageWide Bro GL A4 200 sheets FSC Paper

Please visit hp.com/apac/paper for more details.

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP JetAdvantage Security Manager: hp.com/go/securitymanager
To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/gsc

[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: hp.com/go/printersecurityclaims [2] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [3] Future firmware updates may support 4608 MB by adding DIMM memory module. [4] Available in selected countries only.

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Functions	Print, copy, scan, fax (optional)			
Print				
Duplex print options	Automatic (standard)			
Technology	HP PageWide Technology			
Speed[1]	**Black:** Up to 70 ppm (General office mode, A4); Up to 50 ppm (Professional mode, A4); **Colour:** Up to 70 ppm (General Office mode, A4); Up to 50 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 35 ppm			
First page out[2]	**Black (A4, ready):** As fast as 7.1 seconds; **Colour (A4, ready):** As fast as 7.1 seconds			
Resolution	**Black (best):** Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); **Colour (best):** Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)			
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7			
HP ePrint capability	Yes			
Print cartridges	4 (1 each black, cyan, magenta, yellow)			
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			
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			
Scan				
Type	Flatbed, ADF			
Technology	Charge Coupled Device (CCD) & Contact Image Sensor (CIS)			
Speed	**Single-sided (A4):** Up to 90 ipm (black and colour); **Two-sided (A4):** Up to 180 ipm (black and colour)			**Single-sided (A4):** Up to 120 ipm (black and colour); **Two-sided (A4):** Up to 240 ipm (black and colour)
Bit depth	24-bit			
Resolution	**Hardware:** Up to 600 ppi; **Optical:** Up to 600 dpi; **Enhanced:** Up to 600 ppi			
Max scanning size	**Flatbed:** 297 x 432 mm; **ADF:** 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected			
Grayscale levels	256			
Input modes	Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications			
File format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF			
Copy				
Speed[3]	**Black:** Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4); **Colour:** Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4)			
First copy out[3]	**Black (letter):** As fast as 9.0 seconds; **Colour (letter):** As fast as 9.0 seconds			
Resolution	**Black (text and Graphics):** Up to 600 x 600 dpi; **Colour (text and graphics):** Up to 600 x 600 dpi			
Max copies	Up to 9,999 copies			
Copier reduce/enlarge	25 to 400%			
Copier setting	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			
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build			
Fax (Optional)				
Resolution	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Colour (fine):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)			
Transmission speed[4]	Up to 33.6 kbps; 3 sec per page			
Fax features	**Faxing:** Optional; **Faxing options (ADF):** Simultaneous Two-Sided; **Auto-Redialling:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Fax polling supported:** Yes (poll to receive only); **Auto fax reduction supported:** Yes; **Fax telephone mode supported:** No; **Junk barrier supported:** Yes; **PC interface supported:** Yes; **Fax broadcasting, max locations:** 210; **Telephone handset supported:** No			
Display	20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD)			
Duty cycle (monthly, A4)[5]	Up to 200,000 pages			
Recommended monthly page volume[6]	2,500 to 50,000 pages			
Media				
Custom sizes	**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; **HCI Trays 3 & 4:** A4 & Letter Only			
Recommended weights	60 to 220 g/m², 300 g/m² Photo Paper Only			
Types	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards			
Paper handling	**Input (standard):** 100-sheet multipurpose tray, 550-sheet input tray; **Input (optional):** 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); **Output (standard):** 500-sheet output bin	**Input (standard):** 100-sheet multipurpose tray, 550-sheet input tray; **Input (optional):** 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); **Output (standard):** 500-sheet output bin; 350-sheet stapler stacker	**Input (standard):** 100-sheet multipurpose tray, 550-sheet input tray; **Input (optional):** 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); **Output (standard):** 500-sheet output bin	**Input (standard):** 100-sheet multipurpose tray, 550-sheet input tray; **Input (optional):** 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); **Output (standard):** 500-sheet output bin; 350-sheet stapler stacker
Memory[9]	Standard/Maximum: 3584 MB		Standard/Maximum: 5632 MB	
Processor speed	1.2 GHz			
Operating system compatibility	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, 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.)			
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, 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 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 1.3 GB available HD space; Internet required; USB port			
Connectivity				
Connectivity (Standard)	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			
Wireless capability	Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory			
Mobile printing capability	HP ePrint, Apple AirPrint™, Google Cloud Print			
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)			
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print			

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Dimensions (W x D x H)	Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in)	Operating: 813 x 616 x 791 mm (32 x 24.25 x 31.125 in); Maximum: 896 x 718 x 791 mm (35.25 x 28.25 x 31.125 in)	Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in)	Operating: 813 x 616 x 791 mm (32 x 24.25 x 31.125 in); Maximum: 896 x 718 x 791 mm (35.25 x 28.25 x 31.125 in)
Weight	69 kg (153 lb)	82 kg (181 lb)	69 kg (153 lb)	82 kg (181 lb)
Environmental				
Operating environment	Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 86° F); Recommended operating temperature range: 17 to 25° C (63 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (32 to 140° F)			
Acoustic	Acoustic power emissions: 6.7 B(A); Acoustic power emissions (active copy): 6.9 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions: 53 dB(A) (printing at 51 ppm); Acoustic pressure emissions Bystander (ready): Inaudible		Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions: 54 dB(A) (printing at 54 ppm); Acoustic pressure emissions Bystander (ready): Inaudible ; Acoustic power emissions (active scan): 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan): 57 dB(A) (scanning at 129 ppm with ADF running)	Acoustic power emissions: 6.6 B(A); Acoustic power emissions (active copy): 6.8 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions: 51 dB(A) (printing at 51 ppm); Acoustic pressure emissions Bystander (ready): Inaudible; Acoustic power emissions (active scan): 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan): 58 dB(A) (scanning at 129 ppm with ADF running)
Power specifications	Power supply type: Internal (Built-in) power supply; Power supply required: Input voltage: 100 to 240 VAC, 50/60 Hz; Power consumption[7]: 660 watts (print/copy), 42 watts (ready), 1.6 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off); Typical Electricity Consumption (TEC)[8]: BA: 1.97 kWh/Week; ES: 2.03 kWh/Week; Blue Angel (Sleep mode): Test 2 (Blue Angel); Blue Angel (Normal mode): Test 3 (Blue Angel); Energy-saving features: HP Auto-On/Auto-Off Technology			
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			
Warranty	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.			
What's in the box	HP PageWide Managed Color MFP E77650dn; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and 10,000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord	HP PageWide Managed Color MFP E77650dns; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and 10,000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord	HP PageWide Managed Color MFP E77650z; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and 10,000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord	HP PageWide Managed Color MFP E77650zs; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and 10,000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Safety and regulatory compliance	EN 60950-1:2006 + A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 60950-1:2005 +A1:2009 +A2:2013; EN 62471:2008; IEC 62471:2010; EN 62479:2010; IEC 62479:2010; China CCC; GS; UL Listed			
Electromagnetic emission standard	CISPR 22:2008 Class A, CISPR 32:2012 Class A, EN 55032:2012 Class A, FCC CFR 47 Part 15 Class A, ICES-003 Issue 6 Class A, EN 61000-3-3:2013, EN 61000-3-2:2014			

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