



# HP PageWide Managed P77760z Multifunction 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

**Scan resolution:** Up to 600 x 600 dpi; Optical: Up to 600 dpi

**Copy resolution:** Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi

**Standard connectivity:** 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 802.11 b/g/n - dual band Station; NFC; Bluetooth Smart; WiFi Direct

**Paper handling:** 550-sheet Universal Input Tray; 100-sheet multi-purpose tray; Up to 500-sheet face-down output bin

**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 color cost per page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.<sup>3</sup>
- Print even faster—and save even more per page—by setting this printer to General Office mode.<sup>4</sup>
- Help keep costs down—this HP PageWide MFP uses less energy than any laser competitor in its class.<sup>1</sup>

## Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for the least maintenance in its class.<sup>5</sup>
- Wait less, do more with best-in-class speeds—as fast as 80 ppm in color and black-and-white.<sup>6</sup>
- Print Microsoft® Word and PowerPoint® files with a USB port that quickly recognizes, formats, and prints.<sup>7</sup>
- 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 helps 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.<sup>11</sup>
- Thwart potential attacks and take immediate action with instant notification of security issues.

## Designed with the environment in mind

- Conserve resources with an HP PageWide—designed to use less energy than any laser MFP in its class.<sup>1</sup>
- Certified 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.<sup>12</sup>



Mac



<sup>1</sup> Energy claim based on all TEC data reported on energystar.gov as of November 2016. Data normalized to determine energy efficiency of in-class A3 color laser printers with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary. <sup>2</sup> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 990 series High Yield Original PageWide Cartridges compared with HP 990 series Original PageWide Cartridges. Learn more at [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). <sup>3</sup> Comparison based on printing in Professional Mode. <sup>4</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); market share as reported by IDC as of Q3 2016. Learn more at <http://www.hp.com/go/pagewideclaims>. <sup>5</sup> Comparison based on manufacturers' published specifications of fastest available color mode of all A3 color business printers \$1,000-2,500 USD or €900-€2,300 Euros and MFPs \$2,000-\$5,000 USD or €2,000-€4,500 Euros as of August 2016, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q2 2016. HP PageWide speeds based on General Office mode and exclude first page. Learn more at <http://www.hp.com/go/printerspeeds>. <sup>6</sup> Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. <sup>7</sup> Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. <sup>8</sup> Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>. <sup>9</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. <sup>10</sup> Requires separate purchase. For details, see <http://www.hp.com/go/securitymanager>. <sup>11</sup> Program availability varies. For more information, visit <http://www.hp.com/recycle>.

# HP PageWide Managed P77760z Multifunction Printer Specifications Table

<b>Functions / Multitasking Supported</b>	Print, copy, scan, fax / Yes	<b>Media Weight Supported</b>	Tray 1: 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 2: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 3: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card)
<b>Print Speed</b>	<b>Letter:</b> Up to 60 ppm black; Up to 60 ppm color <sup>5</sup> <b>First Page Out:</b> As fast as 7 sec black; As fast as 7 sec color <sup>6</sup>	<b>Media Sizes Supported</b>	12 x 18; 11 x 17; RA3; A3; 8K; 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; executive - R; A5 - R; 16K; 184 x 260 mm - R; B5 (JIS) - R; Arch A; Statement; Letter; RA4; A4; 5 x 8; Double Japan Postcard Rotated; 16K; 197 x 273 mm; 195 x 270 mm; 184 x 260 mm; Executive; B5 (JIS); B6 (JIS); 5 x 7; 4 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated - R; A6; Japanese Postcard; Custom-sized media; Envelopes; Envelope B5; Envelope #10; Japanese Envelope Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelope #9; Envelope DL; Envelope Monarch; Envelope C6; Cards; 5 x 8 Index card; Double Japan Postcard Rotated; 4 x 6 Index card; Double Japan Postcard Rotated - R; A6 Index card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo Media; 4x6 Photo media; 10 x 15 cm; Japanese Postcard Hagaki Photo Cards
<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>Media Sizes Custom</b>	Tray 1 supports (3.9 to 12 in) x (5.83 to 18 in). Tandem Trays support (8.27 to 11.70 in) x (5.83 to 8.50 in), Universal Trays support (8.27 to 11.70 in) x (5.83 to 17.00 in)
<b>Print Technology</b>	HP PageWide Technology with pigmented inks	<b>Paper Handling</b>	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; Up to 500-sheet face-down output bin; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> 100 sheets; <b>Envelope Feeder:</b> No (not valid feed envelopes through MP Tray); <b>Standard Paper Trays:</b> 2; <b>Input Capacities:</b> Up to 550 sheets Tandem Tray; Up to 100 sheets - MP Tray; <b>Output Capacities:</b> Up to 500 sheets; Up to 50 envelopes; None
<b>Print Cartridges Number</b>	4 (1 each black, cyan, magenta, yellow)	<b>What's in the box</b>	<b>W1B38A</b> HP PageWide Managed P77760z Multifunction Printer; HP Setup Contract XC Black Contract Original PageWide Cartridge (~10,000 pages); HP 990 Setup Contract Cyan PageWide Cartridge; HP 990 Setup Contract Yellow PageWide Cartridge; HP 990 Setup Contract Magenta PageWide Cartridge (~8,000 pages); power cord; installation guide
<b>Standard Print languages</b>	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, native Office, PII, JPEG, PCLM	<b>Replacement Cartridges</b>	HP 990A Black Original PageWide Cartridge (~10,000 pages); HP 990A Cyan Original PageWide Cartridge; HP 990A Magenta Original PageWide Cartridge; HP 990A Yellow Original PageWide Cartridge (CMY composite ~8,000 pages); HP 990X High Yield Black Original PageWide Cartridge (~20,000 pages); HP 990X High Yield Cyan Original PageWide Cartridge; HP 990X High Yield Magenta Original PageWide Cartridge; HP 990X High Yield Yellow Original PageWide Cartridge (CMY composite ~16,000 pages); HP 990XC Black Contract PageWide Cartridge (~22,000 pages); HP 990XC Cyan Contract PageWide Cartridge; HP 990XC Magenta Contract PageWide Cartridge; HP 990XC Yellow Contract PageWide Cartridge (CMY composite ~16,000)
<b>Printer Smart Software Features</b>	HP Mobile Apps, Google Cloud Print v2, 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/Maximum dpi print modes, front USB port, copy/scan/fax; Control Panel Shortcuts; HP UPD PIN printing; HP Color Access Control; Optional: HP and third party extensibility solutions.	<b>Product Dimensions</b>	<b>W x D x H:</b> 23.5 x 22.7 x 28.7 in; <b>Maximum:</b> 60 x 37.7 x 40.7 in
<b>Printer Management</b>	HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac), HP JetAdvantage Security Manager optional	<b>Product Weight</b>	153.22 lb <sup>1</sup>
<b>Scan Type / Technology</b>	Flatbed, ADF / Contact Image Sensor (CIS)	<b>Warranty Features</b>	Warranty features 90 day parts only warranty, except printhead assy, which has three year extended coverage
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi	<b>Energy Efficiency Compliance</b>	ENERGY STAR <sup>®</sup> qualified; EPEAT <sup>®</sup> Silver; China CCC; CECP
<b>Scan File Format</b>	Scan File Types supported by included software: Bitmap (bmp), JPEG (jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)	<b>Control Panel</b>	8" CGD (Color Graphics Display), Cap touchscreen
<b>Scan Input Modes</b>	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	<b>Display Description</b>	8 CGD (Color Graphics Display), Cap touchscreen
<b>Scan Size</b>	<b>ADF:</b> 11.7 x 17 in Maximum; 4 x 6 in Minimum; <b>Flatbed:</b> 11.7 x 17 in	<b>Software Included</b>	Windows Installer for discrete PCL 6 driver with Printer Assistant tools and Scan/Fax software; Mac Installer for PS driver with HP Utility and Scan/Fax software; HP Participation Study; OCR software is included with the printer, OCR is completed at the PC, see software section for more details.
<b>Scan Speed</b>	Up to 50 ipm (mono and color, long edge feeding) <b>Duplex:</b> Up to 35 ipm (mono and color, long edge feeding)	<b>Compatible Operating Systems</b>	Go to <a href="http://hp.com/search">hp.com/search</a> for HP PageWide Managed P77760z Multifunction Printer for all operating Systems
<b>Scanner Advanced Features</b>	Image adjustments; Output quality setting; Selectable scan resolution 75 to 1200 dpi; Job notification; Scan and save to destinations: network folder, Computer, Sharepoint, USB flash drive, e-mail; OCR software is included with the printer, OCR is completed at the PC, see software section for more details.	<b>Compatible Network Operating Systems</b>	Go to <a href="http://hp.com/search">hp.com/search</a> for HP PageWide Managed P77760z Multifunction Printer for all operating Systems
<b>Bit depth / Grayscale levels</b>	24-bit (color); 8-bit (gray) / 256	<b>Minimum System Requirements</b>	<b>PC:</b> Windows <sup>®</sup> 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 <sup>®</sup> Internet Explorer, Windows Vista <sup>®</sup> : 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft <sup>®</sup> Internet Explorer 8, Windows <sup>®</sup> XP SP3 or higher (32-bit only); Intel <sup>®</sup> Pentium <sup>®</sup> II, Celeron <sup>®</sup> or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft <sup>®</sup> Internet Explorer 8; <b>MAC:</b> Apple <sup>®</sup> OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port
<b>Digital Sending Standard Features</b>	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to Sharepoint; Scan-to Computer with SW; Fax Archive-to Network Folder; Fax Archive to E-mail; Fax-to Computer; Enable/Disable Fax; Enable/Disable color Fax, Color Access Control; Native Authorization & authentication; Quick Sets	<b>Power</b>	<b>Power Supply Type:</b> Internal (Built-in) Universal Power Supply; <b>Power Requirements:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power Consumption:</b> 663 (Maximum), 78.7 watts (printing), 25.33 watts (ready), 3.15 watts (sleep), 0.20 watts (off) <sup>2</sup>
<b>Copy Speed<sup>3</sup></b>	<b>Black (60)</b> Up to *0 cpm; <b>Color (60)</b> Up to *0 cpm; <b>Black (60)</b> Up to 80 cpm; <b>Color (60)</b> Up to 80 cpm	<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.8 B(A)
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> Up to 600 dpi; Up to 600 dpi; <b>Color (text and graphics):</b> Up to 600 dpi	<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 86°F; <b>Recommended Operating Temperature:</b> 59 to 86°F; <b>Non-Operating Humidity Range:</b> 5 to 90% RH; <b>Operating Humidity Range:</b> 20 to 80% RH; <b>Recommended Humidity Operating Range:</b> 20 to 80% RH
<b>Maximum Number Of Copies</b>	Up to 999 copies	<b>Security Management</b>	SSL/TLS (HTTPS), LDAP authentication; optional HP and 3rd party authentication solutions (e.g. badge readers) IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP and PEAP); Pre-Shared Key Authentication for Wireless (PSK); firewall, certificates configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; native authentication and authorization access control, native color access control; configurable authentication time out; UPD PIN printing; Mopy mode via UPD PIN printing; compatible with optional HP JetAdvantage Security Manager
<b>Copier Resize</b>	25 to 400%	<b>Accessories</b>	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 PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A); HP HW Integration Pocket Control Panel 8"; HP 128GB Memory Module
<b>Copier Settings</b>	ID Copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray Selection; Collate; Binding Merging; Copy Preview with Crop and resize; Enhancements; Enable/Disable copy; Enable/Disable copy color; Auto Color Selection; Color Access Control; Native authorization and authentication; Set as New Defaults	<b>HP Service and Support Options</b>	U9L7ME - HP 3 year Next Business Day HW Support w/Defective Media Retention for PageWide 77x MFP Managed; U9L7NE - HP 3 year 4 hour 9x5 Hardware Support w/Defective Media Retention for PageWide 77x MFP Managed; U9L7PE - HP 1 year Post Warranty NBD HW Support w/Defective Media Retention for PageWide 77x MFP Managed; U9L7NPE - HP 1 year Post Warranty 4 hour 9x5 HW Support w/Defective Media Retention for PageWide 77x MFP Managed
<b>Fax Speed</b>	<b>Up to:</b> 33.6 kbps; <b>Letter:</b> 5 Sec per page		
<b>Fax Resolution</b>	<b>Black (best):</b> 300 x 300 dpi; <b>Color (best):</b> 200 x 200 dpi; <b>Black (standard):</b> 203 x 98 dpi; <b>Color (standard):</b> 200 x 200 dpi		
<b>Fax Smart Software Features</b>	Digital Fax - Fax to Computer is available with Windows and Macintosh, visit <a href="http://www.hp.com/support">http://www.hp.com/support</a> to download the latest software.		
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 500 pages (black and white); <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> Yes; <b>Distinctive Ring Detection Supported:</b> Yes; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> Yes; <b>Fax Polling Supported:</b> No; <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes, requires Caller ID; <b>Maximum Speed Dialing Numbers:</b> No Limit; <b>PC Interface Supported:</b> Yes, HP Software support provided; <b>Telephone Handset Supported:</b> Yes		
<b>Standard Connectivity</b>	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100/1000 Base-T network; 2 RJ-11 modem port/phone line; 802.11 b/g/n - dual band Station; NFC; Bluetooth Smart; WiFi Direct		
<b>Network Capabilities</b>	Yes, via built-in Ethernet, wireless 802.11b/g/n - dual band		
<b>Wireless Capability</b>	Yes, built-in WiFi 802.11b/g/n - dual band		
<b>Mobile Printing Capability</b>	Apple AirPrint <sup>™</sup> ; Mopria <sup>™</sup> -certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps		
<b>Memory</b>	<b>Standard:</b> 1.5 GB; <b>Maximum:</b> 1.5 GB		
<b>Processor Speed</b>	1.5 GHz / <b>Hard disk:</b> None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory= 16GB, upgradeable to 128GB		
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 250,000 pages <sup>7</sup>		
<b>Recommended Monthly Page Volume</b>	2,500 to 50,000 pages <sup>8</sup>		
<b>Media Types Supported</b>	Plain paper, HP EcoFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 85-95g, Mid-Weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardstock 176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough		

<sup>1</sup> With ink installed, no media in trays <sup>2</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. Power consumption in Sleep modes depends on customer network switch capability, user configuration and network activity. <sup>3</sup> Speed specifications have been updated to reflect current industry testing methods. <sup>4</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>5</sup> ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims) <sup>6</sup> No heating or fusing warm up time required <sup>7</sup> 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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>8</sup> 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. <sup>9</sup> 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. <sup>10</sup> All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used <sup>11</sup> Normalized TEC (watt hours per page): 0.112 Wh/page

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