

# HP PageWide Managed Color E55650 series



**Ultimate value,<sup>3</sup> fastest speeds,<sup>1</sup> and deepest security<sup>2</sup> for today's enterprise.**

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 E55650dn**

### Professional color, breakthrough total cost

- Results you expect and lasting value—breakthrough total cost of ownership, the lowest in its class.<sup>3</sup>
- Print professional-quality color on a variety of papers—perfect for office use.
- Print up to 2.5x more pages<sup>4</sup> and replace less often than standard cartridges<sup>5</sup> with high-yield options.
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.<sup>6</sup>

### Enterprise productivity at unmatched speeds<sup>1</sup>

- Wait less and do more with best-in-class speeds—as fast as 75 ppm in color and black-and-white.<sup>1</sup>
- Grab the documents you need and go. This device prints first pages in as fast as 7.1 seconds.<sup>4</sup>
- Optional NFC touch-to-print and encrypted wireless direct help keep mobile printing easy and protected.<sup>8,9</sup>
- Equip employees to breeze through tasks with the adjustable 4.3-inch (10.9 cm) color touchscreen.

### Unparalleled fleet security and management<sup>2</sup>

- Embedded features detect security threats and heal your printer, protecting it from boot up to shutdown.<sup>10</sup>
- Help protect data on the printer and in transit, using more than 100 embedded security features.<sup>10</sup>
- Help build business efficiency with HP Web Jetadmin,<sup>11</sup> plus deploy over HP and 175 third-party solutions.
- Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.<sup>12</sup>

### Proven technology. Outstanding energy efficiency.

- Add a spot of color to documents without raising costs.<sup>14</sup> Regulate color use with HP Color Access Control.
- Print up to 16,000 color pages and up to 21,000 black-and-white pages—and go longer between replacements.<sup>5</sup>
- Conserve with HP PageWide Technology—designed to use less energy than any printer in its class.<sup>13</sup>
- Get professional-quality color documents and the performance you expect with Original HP PageWide cartridges.

<sup>1</sup> Comparison of Enterprise devices based on manufacturers' published specifications of fastest available color mode of color business A4 MFPs \$1000–\$3000 USD as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. HP PageWide speeds based on General Office mode and exclude first page. Learn more at [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds) <sup>2</sup> Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security speeds based on General Office mode and exclude first page. Learn more at [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds) <sup>3</sup> Total cost of ownership Enterprise comparison based on 150,000 pages, manufacturers' published specifications for page yields and energy use, Manufacturers' suggested retail price for HP hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, and long-life consumables of all color business A4 printers \$500–\$1,249 USD as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) and [hp.com/go/learnaboutsups](http://hp.com/go/learnaboutsups) <sup>4</sup> Yield based on ISO 24711 cartridge yields for HP 981YC Extra High Yield Original PageWide Cartridges, which are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 981YC Extra High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at [hp.com/go/learnaboutsups](http://hp.com/go/learnaboutsups) <sup>5</sup> Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class color laser printers and MFPs \$1000–\$3000 USD as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) <sup>6</sup> Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>7</sup> Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>8</sup> Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at [hp.com/go/printsecurity](http://hp.com/go/printsecurity) <sup>9</sup> HP Web Jetadmin is available for download at no additional charge at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin) <sup>10</sup> Based on HP internal research on competitor offerings (Device Security Comparison January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. Requires separate purchase. For details, see [hp.com/go/securitymanager](http://hp.com/go/securitymanager) <sup>11</sup> Energy claim for Enterprise devices based on TEC data reported on [energystar.gov](http://energystar.gov). Data normalized to determine energy efficiency of majority of in-class color laser MFPs \$1000–\$3000 USD and color laser printers \$500–\$1249 USD as of November 2015; market share as reported by IDC as of Q3 2015. Actual results may vary. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) <sup>12</sup> Available only as part of an HP Managed Print Services contract. Feature applies to pages with the equivalent of an approximately ½ x ½-inch or 12.7 mm x 12.7 mm square of color coverage. For details, contact your HP MPS account manager.

## HP PageWide Managed Color E55650dn

### Product walkaround

1. Intuitive 4.3-inch (10.9 cm) pivoting color touchscreen
2. Hardware integration pocket<sup>1</sup> for solution integration
3. Easy-access USB port to save and print files directly
4. Front door access to ink cartridges
5. 50-sheet multipurpose tray 1
6. Built-in automatic two-sided printing
7. 500-sheet input tray 2
8. 500-sheet input tray 3 (standard on 556xh, optional on 556dn)
9. 300-sheet output bin
10. Slot for cable-type security lock
11. HP High-Performance Secure Hard Disk (556xh model only)
12. Hi-Speed USB 2.0 printing port
13. Built-in Gigabit Ethernet
14. USB port for connecting external USB devices



### Series at a glance



Model	HP PageWide Managed Color E55650dn
Product number	L3U44A
50-sheet multipurpose tray 1; 500-sheet tray 2	√
1x500-sheet tray 3	Optional
3x500-sheet paper tray and stand	Optional
Printer cabinet and stand	Optional
HP High-Performance Secure Hard Disk	Not available
Wireless direct Printing <sup>2</sup> /NFC <sup>3</sup>	Optional

<sup>1</sup>Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>2</sup>Wireless direct printing is standard on the HP PageWide Enterprise Color 556xh model only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for HP PageWide Enterprise Color 556dn. Mobile device needs to be connected directly to the Wi-Fi® network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>3</sup>Touch-to-print capability is standard on the HP PageWide Enterprise Color 556xh only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for HP PageWide Enterprise Color 556dn. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting)

## HP Services

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. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

### Next Business Day with Defective Media Retention

Customers can retain their hard disk drive and keep control of sensitive data.

### Installation Service with Network Setup:

Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc)



## Top features

Count on exceptional value and the results enterprises need to stay ahead—HP PageWide Technology is engineered to produce professional-quality color documents for the lowest total cost of ownership in its class.<sup>1</sup>

Help elevate workgroup productivity with best-in-class print speeds<sup>1</sup> and blazing-fast first-page printing. Documents are ready right away for less waiting. Built-in Gigabit Ethernet and wireless printing options help busy teams stay connected.<sup>7</sup>

Trust that this HP PageWide Managed printer is secure from power-up to power-down. Count on strong protection for devices, data, and documents with deepest embedded printer security from HP,<sup>2</sup> and centrally manage your entire fleet with ease.

Minimize interruptions and downtime with efficient, reliable performance. Conserve resources and use less energy than laser printers,<sup>13</sup> with HP PageWide Technology designed for today's busy office.

### Accessories

G1W43A - HP PageWide Enterprise 500-sheet Paper Tray

G1W44A - HP PageWide Enterprise Printer Cabinet & Stand

G1W45A - HP PageWide Enterprise 3x500-Sheet Paper Tray & Stand

### Supplies

J3M71A - HP 981A Black Original PageWide Cartridge

J3M68A - HP 981A Cyan Original PageWide Cartridge

J3M69A - HP 981A Magenta Original PageWide Cartridge

J3M70A - HP 981A Yellow Original PageWide Cartridge

LOR12A - HP 981X High Yield Black Original PageWide Cartridge

LOR09A - HP 981X High Yield Cyan Original PageWide Cartridge

LOR10A - HP 981X High Yield Magenta Original PageWide Cartridge

LOR11A - HP 981X High Yield Yellow Original PageWide Cartridge

LOR16A - HP 981Y Extra High Yield Black Original PageWide Cartridge

LOR13A - HP 981Y Extra High Yield Cyan Original PageWide Cartridge

LOR14A - HP 981Y Extra High Yield Magenta Original PageWide Cartridge

LOR15A - HP 981Y Extra High Yield Yellow Original PageWide Cartridge

### Services

#### HP PageWide Managed Color E55650dn

U9CV7E - HP 3 year Next Business Day + DMR Color PageWide Enterprise 556 Hardware Support

U9CV8E - HP 4 year Next Business Day + DMR Color PageWide Enterprise 556 Hardware Support

U9CV9E - HP 5 year Next Business Day + DMR Color PageWide Enterprise 556 Hardware Support

H2872E - HP Network Installation Mid-High Color LaserJet PageWide printer Service

<sup>1</sup> Comparison of Enterprise devices based on manufacturers' published specifications of fastest available color mode of color business A4 MFPs \$1000-\$3000 USD as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. HP PageWide speeds based on General Office mode and exclude first page. Learn more at [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds) <sup>2</sup> Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security features. Learn more at [hp.com/go/printerthatprotect](http://hp.com/go/printerthatprotect) <sup>3</sup> Total cost of ownership Enterprise comparison based on 150,000 pages, manufacturers' published specifications for page yields and energy use, Manufacturers' suggested retail price for HP hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, and long-life consumables of all color business A4 printers \$500-\$1,249 USD as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) and [hp.com/go/learnaboutequipment](http://hp.com/go/learnaboutequipment) <sup>7</sup> Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and it may be limited during active VPN connections. <sup>13</sup> Energy claim for Enterprise devices based on TEC data reported on [energy.gov](http://energy.gov). Data normalized to determine energy efficiency of majority of in-class color laser

# HP PageWide Managed Color E55650 series

HP PageWide Managed Color E55650dn(L3U44A)	
<b>Technical Specifications</b>	
<b>Print speed</b>	<b>Letter:</b> Up to 50 ppm black; Up to 50 ppm color <sup>1</sup> ; <b>First Page Out Black:</b> As fast as 7.1 sec. <b>First Page Out Color:</b> As fast as 7.3 sec <sup>6</sup>
<b>Print resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 optimized dpi (when printing from a computer on HP ColorLok paper, HP Premium Inkjet Presentation Paper Matte, and HP Inkjet Brochure Paper Matte and 600 x 600 input dpi). <b>Colour (best):</b> Up to 2400 x 1200 optimized dpi (when printing from a computer on HP Advanced Photo Papers and 600 x 600 input dpi)
<b>Print Technology</b>	HP PageWide Technology with pigmented inks
<b>Print Cartridges Number</b>	4 (1 each black, cyan, magenta, yellow)
<b>Standard Print Languages</b>	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)
<b>Printer Smart Software Features</b>	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, HP Auto-Off Technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Online help, store print jobs
<b>Printer Management</b>	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager
<b>Bit depth / Grayscale levels</b>	24-bit (color)
<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>Network Ready</b>	Standard (built-in Ethernet)
<b>Wireless Capability</b>	No
<b>Mobile Printing Capability</b>	HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0 <sup>4</sup>
<b>Memory</b>	<b>Standard:</b> 1280 MB; <b>Maximum:</b> 2304 MB
<b>Processor Speed</b>	1.2 GHz
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 120,000 pages <sup>5</sup> ; <b>Recommended Monthly Page Volume:</b> 2000 to 15,000 <sup>8</sup>
<b>Paper Handling</b>	<b>Input Capacities:</b> 500-sheet input tray, 50-sheet multipurpose tray; Up to 500 sheets standard; Up to 37 envelopes; Not Supported Up to 100 cards; Up to 425 sheets labels; Not Supported legal. <b>Output Capacities:</b> 300 sheet face-down output bin; Up to 300 sheets standard; Up to 35 envelopes; Not Supported Up to 100 cards; Up to 100 sheets labels legal. <b>Duplex Options:</b> Automatic (Standard). <b>Envelope Feeder:</b> No. <b>Media Types Supported:</b> Plain paper (light, intermediate, mid-weight, heavy, extra heavy, pre-punched, recycled, bond, other inkjet plain paper), photo (glossy, gloss, soft gloss, satin, matte, other inkjet photo), envelopes, labels, cards, specialty papers (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkjet specialty paper). <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); Optional Tray 3: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card); Optional Tray 4: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card); Optional Tray 5: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card). <b>Media Sizes Custom:</b> Tray 1: Letter, oficio, legal, statement, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 10, Monarch); Tray 2: Letter, statement, executive, envelopes (No. 10); <b>Media Sizes Supported:</b> Tray 1: 3 x 5 in to 8.5 x 14 in; Tray 2: 4.0 x 8.3 in to 8.5 x 11.7 in; Optional Tray 3: 4.0 x 8.3 in to 8.5 x 14 in; Optional Tray 4: 4.0 x 8.3 in to 8.5 x 14 in; Optional Tray 5: 4.0 x 8.3 in to 8.5 x 14 in
<b>Product Dimensions</b>	<b>W x D x H:</b> 20.8 x 18.2 x 17.9 in; <b>Maximum:</b> 36.7 x 29.3 x 17.9 in, (with left door open, main paper tray open)
<b>Product Weight</b>	49 lb
<b>What's in the box</b>	HP PageWide Enterprise 556; HP Setup Ink Cartridges (CMYK); Installation guide, Support flyer; Software drivers and documentation on CD-ROM; Power cord
<b>Warranty Features</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.
<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) touchscreen, Color Graphic Display (CGD)
<b>Software Included</b>	For Windows OS; HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Send Fax, HP Update, Product Registration Assist, HP Connected, Online user manuals; For Mac OS; Welcome screen directs users to HP.com or OS application source for printer software
<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>
<b>Compatible Operating Systems</b>	Windows OS compatible with In-Box Driver, Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows OS compatible with Universal Print Driver (From HP.com), Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from HP.com and Apple Store), OS X 10.9 Mavericks, OS X 10.10 Yosemite, OS X 10.11 El Capitan; Mobile OS (In-OS drivers) iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP, SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS; UNIX <sup>10</sup>
<b>Compatible Network Operating Systems</b>	Windows OS compatible with In-Box Driver; 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); From HP.com; Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers; Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ 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); Citrix (on Windows Server 2008/2008R2), Citrix MetaFrame Presentation Server, 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix on Windows Server 2008/2008R2, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5, Citrix on Windows Server 2012/2012R2, Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers; <a href="http://www.novell.com/printer">www.novell.com/printer</a> , Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8, Novell Clients on <a href="http://www.novell.com/printer">www.novell.com/printer</a> ; Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32-bit / 64-bit) recommend v5.82+, Windows Vista (32-bit / 64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+
<b>Minimum System Requirements</b>	<b>PC:</b> CD-ROM or DVD drive, or Internet connection; dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; (For OS hardware requirements see microsoft.com); <b>MAC:</b> Internet, USB, 1 GB available hard drive space; OS compatible hardware; (See Apple.com)
<b>Power</b>	<b>Power Supply Type:</b> Internal (Built-in) power supply, <b>Power Requirements:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power Consumption:</b> 52 watts (printing), 12 watts (ready), 6.3 watts (sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual on) <sup>2</sup>
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.9 B(A), printing color simplex A4 at 50 ppm
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 86°F; <b>Recommended Operating Temperature Range:</b> 59 to 86°F; <b>Storage Temperature Range:</b> Before initial setup (Non-Purged): -40 to 140°F; After initial setup (Purged): 32 to 140°F. 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> 5 to 90% RH; <b>Operating Humidity Range:</b> 20 to 80% RH; <b>Recommended Humidity Operating Range:</b> 20 to 60% RH
<b>Security Management</b>	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in; access port for Kensington-style lock, HP Sure Start, intrusion detection, whitelisting

<sup>1</sup> With ink installed, no media. <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. <sup>3</sup> Average color composite (C/M/Y) and black declared yields based on ISO/IEC 24711 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). <sup>4</sup> May require a firmware upgrade to be compatible, download at [hp.com/go/support](http://hp.com/go/support) <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> Exact speed varies depending on the system configuration, software application, driver and document complexity. <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 your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit [hp.com/go/SureSupply](http://hp.com/go/SureSupply) <sup>10</sup> Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX models/scripts are available on HP.com (Models/scripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software; HP Software for Mac is no longer included on the CD, but can be downloaded from hp.com; The Mac printer drivers are installed for Mac operating systems. <sup>11</sup> All HP media listed as compatible with the printer in the HP DesignJet Printing Supplies Compatibility Guide, regardless of weight, may be used <sup>12</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

## Learn more at [hp.com](http://hp.com)

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