

# HP Color LaserJet Managed MFP E57540 series



Help conserve energy and boost productivity with MFP that delivers multi-level device security.<sup>10</sup>

Ideal for enterprises and medium businesses that need a secure, highly productive, energy-efficient color MFP.



HP Color LaserJet Managed MFP E57540dn

### High-speed performance meets energy efficiency

- Print the first page from sleep mode as fast as 8.6 seconds<sup>2</sup>
- Speed through jobs. Print two sides almost as quickly as one—up to 40 ipm<sup>9</sup>—and scan both sides of the page at once.
- This MFP uses exceptionally low amounts of energy—thanks to its innovative design and toner technology.<sup>3</sup>
- Choose a maximum capacity of up to 2300 sheets.<sup>8</sup> Print up to 59 pages per minute on A5.<sup>9</sup>

### Unparalleled fleet security and management

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.<sup>10</sup>
- Protect sensitive data on the MFP and in transit, using embedded security features and 256-bit encryption.<sup>10</sup>
- Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions.<sup>11</sup>
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>12</sup>

### More. Pages, Performance, and Protection.

- Make an impression with leading color quality from HP. Get unparalleled printing for your office needs.
- Get more pages with each Original HP Toner cartridge with JetIntelligence and high-yield cartridges.<sup>13</sup>
- Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with preinstalled toner cartridges. Replace them with cartridges featuring auto seal removal.

### Stay connected with secure mobile printing options

- Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.<sup>5</sup>
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.<sup>6</sup>
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.<sup>7</sup>
- Easily access, print, and share resources with Ethernet and optional wireless networking.<sup>4</sup>

<sup>1</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP 508X High Yield Original LaserJet Toner Cartridges with HP Black Managed LJ Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies> <sup>2</sup> Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see <http://www.hp.com/go/ljclaims> <sup>3</sup> Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see <http://www.hp.com/go/ljclaims> <sup>4</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 may be limited during active VPN connections. <sup>5</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 <http://www.hp.com/go/businessmobileprinting> <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 <http://www.hp.com/go/businessmobileprinting> <sup>7</sup> Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at <http://www.hp.com/go/mobileprinting> <sup>8</sup> Purchase of optional paper trays required to reach maximum input capacity. <sup>9</sup> Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>10</sup> 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> <sup>11</sup> Some solutions require download or additional purchase. Learn more at <http://www.hp.com/go/printingsolutions> <sup>12</sup> Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin> <sup>13</sup> HP Black Managed LJ Toner Cartridges not include; please purchase separately. <sup>14</sup> An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

## HP Color LaserJet Managed MFP E57540dn

### Product walkaround

1. 100-sheet ADF with single-pass, two-sided scanning
2. Hardware Integration Pocket<sup>2</sup>
3. Easy-access USB port<sup>3</sup>
4. 250-sheet output tray
5. Front door (access to HP JetIntelligence Toner cartridges)
6. Fax port,<sup>4</sup> Ethernet port, Host USB port, Hi-Speed USB 2.0 printing port
7. Automatic two-sided printing
8. 550-sheet tray 2
9. 8.0-inch (20.3 cm) color touchscreen
10. Optional wireless direct printing<sup>5</sup>/optional NFC<sup>6</sup>
11. Right door (access to the print path)
12. 100-sheet multipurpose tray 1
13. HP High-Performance Secure Hard Disk



### Series at a glance



Model	HP Color LaserJet Managed MFP E57540dn
Product number	3GY25A
Print speeds (letter/A4) <sup>8</sup>	Up to 40 ppm (black and color)
Control panel	8.0-inch (20.3 cm) color touchscreen
Fax capability <sup>4</sup>	Optional
100-sheet ADF with single-pass, two-sided scanning	√
100-sheet multipurpose tray 1, 550-sheet tray 2	√
HIP <sup>2</sup> easy-access USB <sup>3</sup>	√
HP Secure high performance hard disk drive	√
Convenience stapler	Not available
Scan to Microsoft® SharePoint®	Not available
HP EveryPage with ultrasonic detection <sup>1</sup>	Not available
Advanced workflow features including a pull-out keyboard <sup>1</sup>	Not available
Embedded OCR	Not available

<sup>1</sup> The pull-out keyboard, HP EveryPage, and embedded OCR are only available on the MFP E57540c model. <sup>2</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>3</sup> An administrator must enable the easy-access USB port before use. <sup>4</sup> Fax capabilities are optional for both models with purchase of the HP LaserJet MFP Analog Fax Accessory. <sup>5</sup> Wireless direct printing requires purchase of the 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>6</sup> Touch-to-print capability 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> The convenience stapler is only available on the MFP E57540c model. <sup>8</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>9</sup> Use of the optional HP Trusted Platform Module accessory may require a firmware upgrade.

## 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

This efficient MFP is designed to conserve energy without sacrificing productivity—so users can speed through tasks and move business forward. It also uses exceptionally low amounts of energy—thanks to its innovative design and toner technology.<sup>3</sup>

Trust your MFP is secure from power-up to power-down. Get strong protection for devices, data, and documents with embedded and optional security features while centrally managing your entire fleet.<sup>10</sup>

Bring out the best in your MFP. Print more high-quality pages than ever before,<sup>1</sup> using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can't match.

Enable secure wireless printing in the office—with or without network access<sup>5</sup>—and keep users connected with Ethernet and optional wireless networking.<sup>4</sup> Print with just a touch from mobile devices.<sup>6</sup>

### Accessories

B5L34A	- HP Color LaserJet 550-sheet Media Tray
B5L51A	- HP Color LaserJet Printer Cabinet
B5L53A	- HP LaserJet MFP Analog Fax Accessory
B5L28A	- HP Internal USB Ports
E5K48A	- HP 1GB DDR3 x32 144-Pin 800MHz SODIMM
F5S62A	- HP Trusted Platform Module Accessory
B5L31A	- HP Foreign Interface Harness
J8030A	- HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	- HP Jetdirect 2900nw Print Server
2TD64A	- HP Accessibility Kit
B5L29A	- HP High-Performance Secure Hard Disk
CZ208A	- HP Access Control USB Proximity Reader
A7W14A	- HP LaserJet Swedish Overlay Keyboard
2NR12A	- HP Removable Hard Drive Enclosure
X3D03A	- HP Universal USB Proximity Card Reader
Y7C05A	- HP HIP2 Keystroke Reader

### Supplies

B5L35A	- HP Color LaserJet 110V Fuser Kit
B5L36A	- HP Color LaserJet 220V Fuser Kit
B5L37A	- HP Color LaserJet Toner Collection Unit
B5L52A	- HP 200 ADF Roller Replacement Kit
Q7432A	- HP Staple Cartridge Pack
W9060MC	- HP Black Managed LaserJet Toner Cartridge (~16,000 pages)
W9061MC	- HP Cyan Managed LaserJet Toner Cartridge (~12,500 pages)
W9062MC	- HP Yellow Managed LaserJet Toner Cartridges (~12,500 pages)
W9063MC	- HP Magenta Managed LaserJet Toner Cartridge (~12,500 pages)

### Services

U8TW4E	- HP 3 yr Next business day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed
U8TW5E	- HP 4 yr Next business day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed
U8TW6E	- HP 5 yr Next business day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed
U9JT2E	- HP Inst SVC w/nw Workgroup Printer

<sup>1</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP 508X High Yield Original LaserJet Toner Cartridges with HP Black Managed LJ Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies> <sup>2</sup> Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see <http://www.hp.com/go/ljclaims> <sup>3</sup> Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see <http://www.hp.com/go/ljclaims> <sup>4</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 may be limited during active VPN connections. <sup>5</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 <http://www.hp.com/go/businessmobileprinting> <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 <http://www.hp.com/go/businessmobileprinting> <sup>7</sup> Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at <http://www.hp.com/go/mobileprinting> <sup>8</sup> Purchase of optional paper trays required to reach maximum input capacity. <sup>9</sup> Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>10</sup> 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> <sup>11</sup> Some solutions require download or additional purchase. Learn more at <http://www.hp.com/go/printingsolutions> <sup>12</sup> Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin> <sup>13</sup> HP Black Managed LJ Toner Cartridges not include; please purchase separately. <sup>14</sup> An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

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Technical Specifications	<b>HP Color LaserJet Managed MFP E57540dn(3GY25A)</b>
AIO functions	Print, copy, scan, optional fax
Print speed	<b>A4:</b> Up to 38 ppm; <b>Letter:</b> Up to 40 ppm black; Up to 38 ppm; <b>Letter:</b> Up to 40 ppm color <sup>11</sup> ; <b>First Page Out Black:</b> As fast as 5.6 sec; <b>First Page Out Color:</b> As fast as 6.9 sec <sup>22</sup>
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Colour (best):</b> Up to 1200 x 1200 dpi
Print Technology	Laser; <b>Print Resolution Technologies:</b> HP ImageREt 3600, Pantone Calibrated
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Standard Print Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)
Printer Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB, HP Easy Color
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
Scan Type / Technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Contact Image Sensor (CIS)
Scan Resolution	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi
Scan File Format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Scan Input Modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (XP) applications
Scan Size	<b>ADF:</b> 216 x 356 mm; 8.5 x 14 in Maximum; 105 x 127 mm; 4.1 x 5 in Minimum; <b>Flatbed:</b> 216 x 356 mm; Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color)
Scan Speed	Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color) <sup>23</sup> ; <b>Duplex:</b> Up to 43 ipm (b&w), up to 38 ipm (color)
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
Bit depth / Grayscale levels	24-bit/ 256
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF
Copy Speed	<b>Black (A4):</b> Up to 38 cpm; <b>Color (A4):</b> Up to 38 cpm <sup>21</sup>
Copy Resolution	<b>Black (text and Graphics):</b> Up to 600 x 600 dpi (flatbed); Up to 600 x 450 dpi (ADF); <b>Color (text and Graphics):</b> Up to 600 x 600 dpi (flatbed); Up to 300 x 600 dpi (ADF)
Maximum Number of Copies	Up to 9999 copies
Copier Resize	25 to 400%
Copier Settings	Two-sided copying; Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit/Fast Ethernet 10/100/1000Base-TX network; 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 hardware accessory.
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0 <sup>14</sup>
Memory	<b>Standard:</b> 1.25 GB (printer), 500 MB (scanner); <b>Maximum:</b> 2.0 GB (printer), 500 MB (scanner)
Processor Speed	1.2 GHz / <b>Hard disk:</b> Standard, embedded HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB
Duty Cycle	<b>Monthly, A4:</b> Up to 120,000 pages <sup>3</sup> ; <b>Recommended Monthly Page Volume:</b> 2000 to 15,000 <sup>10</sup>
Paper Handling	<b>Input Capacities:</b> 100-sheet multipurpose tray, 550-sheet input tray 2; Up to 650 sheets standard; Up to 10 envelopes labels legal; <b>Output Capacities:</b> 250-sheet output bin; Up to 250 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Media Types Supported:</b> Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined; <b>Media Weight Supported:</b> Tray 1: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Tray 2: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Optional Trays 3+: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); <b>Media Sizes Supported:</b> Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3+: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm; <b>Media Sizes Custom:</b> Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148 to 216 x 297 mm; Optional Trays 3+: 102 x 148 to 216 x 356 mm
Product Dimensions	<b>W x D x H:</b> 18.98 x 19.84 x 22.95 in; 482 x 504 x 583 mm <sup>24</sup> ; <b>Maximum:</b> 27.5 x 19.84 x 22.95 in; 699 x 504 x 583 mm
Product Weight	38.1 kg/84 lb
What's in the box	Printer; Four preinstalled HP LaserJet toner cartridges (Black: ~6000 pages, Color: ~5000 pages); Toner collection unit; In-box documentation; CD; Power Cord; fax cable <sup>1</sup>
Warranty Features	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.
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver
Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)
Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)
Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) 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
Fonts and Typefaces	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 World Type); 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>
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.) <sup>13</sup>
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 <a href="http://www.novell.com/iprint">www.novell.com/iprint</a> , Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Services <a href="http://www.novell.com/print">www.novell.com/print</a> , 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 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/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)
Minimum System Requirements	<b>PC:</b> 2 GB available hard disk space; OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>MAC:</b> 1.3 GB available hard drive space; Internet; OS hardware requirements see <a href="http://apple.com">apple.com</a> for more info
Power	<b>Power Supply Type:</b> Internal (Built-in power supply); <b>Power Requirements:</b> Input voltage: 100 to 127 VAC, 60 Hz, Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, product varies by part number with # Option code identifier); <b>Power Consumption:</b> 592 watts (Printing), 47.3 watts (Ready), 3.48 watts (Sleep), 0.08 watts (Auto-Off/Manual On), 0.49 watts (Auto-Off/Auto-On/Wake on LAN) <sup>4</sup>
Acoustics	<b>Acoustic Power Emissions:</b> 6.5 B(A) (printing at 38 ppm); <b>Acoustic Pressure Emissions:</b> 51 dB(A) (printing at 38 ppm) <sup>16</sup>
Operating Environment	<b>Operating Temperature Range:</b> 15 to 30°C; <b>Recommended Operating Temperature:</b> 17 to 25°C; <b>Storage Temperature Range:</b> 0 to 35°C; <b>Non-Operating Humidity Range:</b> 10 to 90% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd 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; 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; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

<sup>1</sup> Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. <sup>2</sup> Without Tray 1 or Legal extension extended <sup>3</sup> With printer cartridges <sup>4</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>5</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). <sup>6</sup> Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutSupport> <sup>7</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 <http://www.hp.com/go/SureSupply> <sup>8</sup> Max memory is with 1 GB DIMM installed. The maximum the Firmware can use is 2 GB so 250 MB is unused in this configuration. <sup>9</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>10</sup> HP recommends that the number of pages per month of imaged output 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>11</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>12</sup> HP recommends that the number of scanned pages per month be within the stated range for optimum device performance. <sup>13</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/crpts are available on HP.com (Models/crpts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software. <sup>14</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/crpts are available on HP.com (Models/crpts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software. <sup>15</sup> Original HP LaserJet "A" and "X" toner cartridges are also compatible with this product.

