



HP Color LaserJet Managed MFP M577dnm (B5L49A)



Overview

Conserve energy and boost productivity with an MFP that delivers multi-level device security.[10]

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.

High-speed performance meets energy efficiency

Don't wait for documents. Print your first page in as few as 9 seconds from energy-efficient sleep mode.[2]

Unparalleled fleet security and management

Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.[10]

More. Pages, Performance, and Protection.

Make an impression with leading color quality from HP. Get unparalleled printing for your office needs.

Stay connected with secure mobile printing options

Use optional, 128-bit encrypted wireless direct printing from mobile devices—no network needed.[5]

[2] 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>

[5] Wireless direct printing 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>

[10] 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>

Specifications

Print Resolution Technologies	HP ImageREt 3600, Pantone Calibrated
Print quality black (best)	HP ImageREt 3600
Print quality color (best)	HP ImageREt 3600
Print speed black (ISO, A4)	Up to 38 ppm
Print speed black (ISO, letter)	Up to 40 ppm
Print Speed Color (ISO)	Up to 38 ppm
Print speed color (ISO)	Up to 40 ppm
Functions	Print, copy, scan
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 120,000 pages
Duty cycle (monthly, letter)	Up to 120,000 pages ^[9]
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
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
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
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Replacement cartridges	HP 508X Black Contract LaserJet Toner Cartridge (~14,900 ISO yield) CF360XC; HP 508X Cyn Contract LaserJet Toner Cartridge (~11,700 ISO yield) CF361XC; HP 508X Yellow Contract LaserJet Toner Cartridge (~11,700 ISO yield) CF362XC; HP 508X Magenta Contract LaserJet Toner Cartridge (~11,700 ISO yield) CF363XC ^[6, 15]
Connectivity, standard	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
Connectivity, optional	HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A
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
Network protocols, supported	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 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; Other: NetWare NDS, Bindery, NDPS, ePrint; Google Cloud Print 2.0

Software included	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 Web Services Assist (HP Connected), Online user manuals; For Mac OS; Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)
Compatible Operating Systems	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 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; 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 ^[13]
Sustainable impact specifications	Mercury free
Energy star certified	Yes
Ecolabels	ENERGY STAR® qualified; EPEAT® Silver, CECP
Copy speed (black, normal quality, A4)	Up to 38 cpm
Copy speed (color, normal quality, A4)	Up to 38 cpm
Copy speed black (normal, letter)	Up to 40 cpm
Copy speed color (normal, letter)	Up to 40 cpm
Copy speed black duplex (A4)	Up to 38 cpm
Copy speed black duplex (Letter)	Up to 40 cpm
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
Digital sending optional features	Optional via HP Digital Sending Software (HP DSS); Send to folder; Send-to-workflow; Send-to-printer; Authentication; Digital fax (send to LAN, Internet); OCR; Local Address Book
Faxing	Optional
Scan speed (normal, A4)	Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color)
Scan speed (normal, letter)	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (color)
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 (OXP) applications

Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF (two-sided, single-pass)
Display area (imperial)	6.37 x 4.78 in
Display area (metric)	16.2 x 12.1 cm
Display	8" color touchscreen
Minimum dimensions (W x D x H)	482 x 504 x 583 mm
Minimum dimensions (W x D x H)	18.98 x 19.84 x 22.95 in
Weight	38.1 kg
Weight	84 lb
Power consumption	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) ^[4]
Power supply type	Internal (Built-in) power supply
What's in the box	Printer; Four preinstalled HP LaserJet toner cartridges (Black: ~6000 pages, Color: ~5000 pages); Toner collection unit; In-box documentation; Software CD; Power Cord ^[1]
Manufacturer Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Additional specifications

Accessories	HP Color LaserJet 550-sheet Media Tray B5L34A, HP Color LaserJet Printer Cabinet B5L51A, HP LaserJet MFP Analog Fax Accessory B5L53A, HP Internal USB Ports B5L28A, HP 1GB DDR3 x32 144-Pin 800MHz SODIMM E5K48A, HP Trusted Platform Module Accessory F5S62A, HP Foreign Interface Harness B5L31A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A, HP Accessibility Assistant 2MU47A
Acoustic power emissions (active copy)	6.9 B(A) (copying at 38 ppm with ADF running)
Acoustic power emissions (active scan)	6.8 B(A) (scan mono simplex at 48 ppm)
Acoustic power emissions (active, printing)	6.5 B(A) (printing at 38 ppm)
Acoustic power emissions (ready)	4.7 B(A)
Acoustic pressure emissions bystander (active copy)	55 dB(A) (copying at 38 ppm with ADF running)
Acoustic pressure emissions bystander (active scan)	53 dB(A) (scan mono simplex at 48 ppm)
Acoustic pressure emissions bystander (active, printing)	51 dB(A) (printing at 38 ppm)
Acoustic pressure emissions bystander (ready)	32 dB(A)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Automatic document feeder capacity	Standard, 100 sheets
Automatic paper sensor	Yes
Best technical electricity consumption (TEC)	1.52 kWh/Week ^[19]
Bit depth	24-bit
Bottom margin (A4)	2 mm absolute/5 mm assured image
Business filter	cMPS
Cable included	No, please purchase USB cable separately
Cartons per layer	2
Color scanning	Yes

Compatible Network Operating Systems

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; Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com; 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 2003/2003R2), 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; www.novell.com/iprint), Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8, Novell Clients (www.novell.com/iprint; 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+

Component type

Printer

Control panel

8.0-in (20.3 cm) color touchscreen; adjustable angle display with gesturing; illuminated Home button (for quick return to the Home menu)

Copier scaling (ADF)

25 to 200%

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)

Copies, maximum

Up to 9999 copies

Copy reduce / enlarge settings

25 to 400%

Copy resolution (black graphics)

Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (ADF)

Copy resolution (black text)

Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (ADF)

Copy resolution (color text and graphics)

Up to 600 x 600 dpi (flatbed), 300 x 600 dpi (ADF)

Copy speed color duplex (A4)

Up to 38 cpm

Copy speed color duplex (Letter)

Up to 40 cpm

Count of layers in pallet

3

Country of origin

Made in China; Mexico (B5L46A#AC4, B5L46A#AC8, B5L46A#201, B5L46A#AAZ, B5L46A#BGJ)

Datasheet photo 1

Publication photos/M577dn_f.jpg

Datasheet photo 4

Publication photos/M577 walkaround.jpg

Downloadable software

From 123.HP.com; HP Easy Start (Guided Software Install for Windows OS and Mac); From HP.com for Windows OS and Mac; Full-solution software and drivers (Same solution as "Software Included"); HP PCL 6 print driver only (No installer for "Add Printer" installs), HP PCL 6 print driver with installer, Product Documentation and Support; From HP.com for Mac OS; Full-solution software and drivers; For Mobile OS; (See "HP Mobile Printing" <http://www8.hp.com/us/en/ads/mobility/overview.html>); From In-OS app stores; HP recommended printer drivers and software; HP.com for printer administrators, Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL 6, PCL 5 & PS for Windows), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers, SAP (PCL 5 and PS Print Drivers), HP Web JetAdmin Software, HP Proxy Agent Software, HP Imaging and Printing Security Center, HP JetAdvantage Security Manager

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Website: In the US, go to <http://www.hp.com/Support/colorIjM577>; Outside the US: 1. Go to <http://www.hp.com/support>. Select the country/region; 2. Select Drivers & Downloads; 3. Enter a product name/number; 4. Under Drivers and software/Driver language, select the language to receive a download in the language desired; 5. Select the operating system version; 6. Then select DOWNLOAD for the software desired.

Duplex ADF scanning

Yes

Electromagnetic compatibility

CISPR 22:2008 (International) - Class A, EN 55022: 2010 (EU) - Class A, EN 61000-3-2: 2006 +A1: 2009 +A2: 2009, EN 61000-3-3: 2008, EN 55024: 2010, EMC Directive 2004/108/EC, FCC CFR 47 Part 15 Class A / ICES-003, Issue 5 Class A, Other EMC approvals as required by individual countries

Engine life

300000

Enhanced scanning resolution

Up to 600 dpi

Envelope Feeder

No

FCC Class A emissions

FCC Class A emissions - for use in commercial environments, not residential environments

File Format Supported

Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)

Finished output handling

Sheetfed

First copy out black (A4)

As fast as 5.6 sec

First copy out black (A4, sleep)

As fast as 10.0 sec

First copy out black (letter)

As fast as 5.4 sec

First copy out black (letter, sleep)

As fast as 9.4 sec

First copy out color (A4)

As fast as 9.1 sec

First copy out color (A4, sleep)

As fast as 12.8 sec

First copy out color (letter)

As fast as 8.7 sec

First copy out color (letter, sleep)

As fast as 12.9 sec

First page out black (A4, ready)

As fast as 5.6 sec

First page out black (A4, sleep)

As fast as 8.6 sec

First page out black (letter, ready)	As fast as 5.5 sec
First page out black (letter, sleep)	As fast as 8.6 sec
First page out color (A4, ready)	As fast as 6.9 sec
First page out color (A4, sleep)	As fast as 8.8 sec
First page out color (letter, ready)	As fast as 6.8 sec
First page out color (letter, sleep)	As fast as 8.8 sec
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 http://www.hp.com/go/laserjetfonts
HP ePrint capability	Yes
Input capacity	Up to 650 sheets
Internal Storage	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
Left margin (A4)	2 mm absolute/5 mm assured image
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	3.75 GB
Maximum dimensions (W x D x H)	699 x 504 x 583 mm
Maximum dimensions (W x D x H)	27.5 x 19.84 x 22.95 in
Maximum input capacity (sheets)	Up to 2300 sheets
Maximum output capacity (sheets)	Up to 250 sheets
Maximum print area	215.9 x 355.6 mm
Media size (ADF)	Letter; legal; oficio; executive; statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 4 x 6 in; 5 x 7 in; 5 x 8 in
Media size, tray 1	A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; envelopes (B5, C5 ISO, C6, DL ISO); 76 x 127 to 216 x 356 mm
Media size, tray 2	A4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 102 x 148 to 216 x 297 mm
Media size, tray 3	A4; RA4; A5; B5 (JIS); 16K; 102 x 148 to 216 x 356 mm
Media sizes supported	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

Media sizes supported	Tray 1: letter, legal, oficio, executive, statement, 4 x 6, 3 x 5, 5 x 7, 5 x 8, postcard (JIS), double postcard (JIS), 8.5 x 13, envelope (commercial No. 9, No. 10, Monarch); Custom: 3 x 5 to 8.5 x 14 in; Tray 2: letter, executive, statement, 4 x 6, 5 x 7, 5 x 8, double postcard (JIS); Custom: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: letter, legal, oficio, executive, 8.5 x 13; Custom: 4.0 x 5.85 to 8.5 x 14 in
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: 4.0 x 5.85 to 8.5 x 14 in
Media sizes, custom	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
Media type and capacity, ADF	Sheets: 100
Media type and capacity, tray 1	Sheets (75 g/m ² paper): 100; Transparencies, cardstock (163 g/m ²): 50; Cardstock (216 g/m ²): 30; Envelopes: 10
Media type and capacity, tray 2	Sheets (75 g/m ² paper): 550; Labels, cardstock (163 g/m ²); Transparencies: 100
Media type and capacity, tray 3	Sheets (75 g/m ² paper): 550; Labels, cardstock (163 g/m ²); Transparencies: 100
Media types	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
Media weight (tray 1)	60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)
Media weight (tray 2)	60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)
Media weight (tray 3)	60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)
Media weight, supported	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Trays 3+: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Automatic Duplexer: 60 to 163 g/m ²
Media weight, supported	Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Optional Trays 3+: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Automatic Duplexer: 16 to 43 lb
Media weights, supported ADF	12 to 53 lb
Media weights, supported ADF	45 to 199 g/m ²
Memory	1.25 GB (printer), 512 MB (scanner)
Memory Slots	1 slot, 144-pin DDR3
Memory card compatibility	DDR3 Memory DIMM
Memory footnote	Maximum physical memory present is reported. Actual usable amount by firmware might be less.
Memory maximum note	Maximum physical memory present is reported. Actual usable amount by firmware might be less.
Memory upgrade	Expandable to 3.75 GB through one 144-pin DDR3 DIMM slot

Minimum System Requirements	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); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see http://www.microsoft.com)
Minimum System Requirements for Macintosh	Mac OS (HP Print Drivers available from HP.com and Apple Store); OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware requirements see http://www.apple.com)
Multitasking supported	Yes
Native scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Network ready	Standard (built-in Gigbit Ethernet)
Non-Operating Humidity Range	10 to 90% RH
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	5-15 Users
Operating humidity range	10 to 80% RH
Operating temperature range	15 to 30°C
Operating temperature range	59 to 81°F
Orderable product number	B5L49A#AB0, B5L49A#AB2, B5L49A#ABJ, B5L49A#ACJ, B5L49A#BBU, B5L49A#BGM, B5L49A#ABT, B5L49A#ABY, B5L49A#ACQ, B5L49A#B19, B5L49A#BAZ, B5L49A#AC4, B5L49A#AC8, B5L49A#201, B5L49A#AAZ, B5L49A#BGJ, B5L49A#B13
Orderable supplies	HP LaserJet 110v Fuser Kit B5L35A, HP LaserJet 220v Fuser Kit B5L36A, HP Color LaserJet Toner Collection Unit B5L37A, HP 200 ADF Roller Replacement Kit B5L52A
Output capacity	Up to 250 sheets
Package dimensions (W x D x H)	29.7 x 23.6 x 25.6 in
Package dimensions (W x D x H)	755 x 600 x 650 mm
Package weight	44.4 kg
Package weight	97.7 lb
Pallet dimensions	47.3 x 31.5 x 91.5 in
Pallet dimensions (W x D x H)	1200 x 800 x 2325 mm
Pallet weight	609 lb
Pallet weight	277 kg
Paper handling input, optional	550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5

Paper handling input, standard	100-sheet multipurpose tray, 550-sheet input tray 2
Paper handling output, standard	250-sheet output bin
Paper trays, maximum	5
Paper trays, standard	2
Photo (product photo, jpg, 190x170)	Printers and Multifunction/M577_190x170.jpg
Ports	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit/Fast Ethernet 10/100/1000Base-TX network; 1 Hardware Integration Pocket
Post warranty repair & maintenance	http:// www.hp.com/Support/colorljM577
Power	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)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print speed black (Landscape, A5)	Up to 59 ppm
Print speed black (Portrait, A5)	Up to 6 ppm
Print speed color (Landscape, A5)	Up to 59 ppm
Print speed color (Portrait, A5)	Up to 6 ppm
Print speed duplex (A4)	Up to 38 ipm
Print speed duplex (A4)	Up to 38 ipm
Print speed duplex (letter)	Up to 40 ipm
Print speed duplex (letter)	Up to 40 ipm
Print speed footnote number (A5)	[20]
Print technology	Laser
Printer Management	UPD Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager
Printer black pages (MPV black)	1200
Printer color pages (MPV color)	800
Processor speed	1.2 GHz
Quantity per pallet	6

RMN number	BOISB-1406-00
Recommended media weight (duplex)	Automatic: 105 to 220 g/m ² (glossy), 60 to 163 g/m ² (plain); Manual: 60 to 220 g/m ² (all types)
Recommended media weight (duplex)	Automatic: 28 to 58 lb (glossy), 16 to 43 (plain); manual: 16 to 58 lb (all types)
Recommended monthly page volume	2000 to 15,000 ^[10]
Recommended monthly scan volume	4,150 to 6,900
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	17 to 25°C
Recommended operating temperature range	62 to 77°F
Replacement product number	CD644A
Resolution	600 dpi
Right margin (A4)	2 mm absolute/5 mm assured image
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2007/IEC 60825-1:2007 (Class 1 Laser Product); EN 62479: 2010/IEC 62479: 2010; Low Voltage Directive 2006/95/EC with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), minimum	105 x 127 mm
Scan size (ADF), minimum	4.1 x 5 in
Scan size, maximum	8.5 x 14 in
Scan size, maximum	216 x 356 mm
Scan size, minimum	No minimum
Scan size, minimum	No minimum
Scan speed duplex (normal, A4)	Up to 43 ipm (b&w), up to 38 ipm (color)
Scan speed duplex (normal, letter)	Up to 45 ipm (b&w), up to 40 ipm (color)

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 140-2 validated cryptographic libraries), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions, optional Trusted Platform Module; Security management: Compatible with optional HP JetAdvantage Security Manager

Services

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

Services

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

Services

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

Services description headline 01

Same Day Onsite – 4 hour 9x5 and 13x5:

Services description headline 02

Next Business Day with Defective Media Retention:

Services description headline 03

Installation Service with Network Setup:

Standard media sizes (duplex)

A4; A5; B5 (JIS)

Standard media sizes (duplex, imperial)

Letter; legal; oficio; executive

Standard output capacity (envelopes)

Up to 10 envelopes

Standard output capacity (transparencies)

Up to 100 sheets

Storage device and direct print support

Front-facing USB printing; USB printing

Storage temperature range

32 to 95°F

Storage temperature range

0 to 35°C

Sub-brand name

LaserJet

SureSupply supported

Yes

Tariff numbers

8443310000 (National HTS); 8443318000 (EU Base HTS); 8443310000 (AM Base HTS); 84433120 (AP Base HTS)

Technology logo, print 1

Publication logos/AMS_windows_10.jpg

Technology logo, print 2

Publication logos/AMS_Windows8_compatible_hp_blue.jpg

Technology logo, print 3

Publication logos/AMS_Compatible with Win7.jpg

Technology logo, print 4

Publication logos/AMS_mac_hires.jpg

Technology logo, print 5

Publication logos/AMS_EnergyStar.jpg

Technology logo, print 6

Publication logos/AMS_hp_eprint.jpg

Top margin (A4)	2 mm absolute/5 mm assured image
Typical electricity consumption (TEC) number	1.51 kWh/Week (Blue Angel); 0.464 kWh/Week (Energy Star 3.0) ^[5]
UNSPSC code	43212110
UPC number	889296599852
Web address for additional information	Solutions: http://www.hp.com/go/gsc ; Fonts and IPDS Emulation: http://www.hp.com/go/laserjetfonts ; HP Web Jetadmin: http://www.hp.com/go/wja ; HP Universal Print Driver: http://www.hp.com/go/upd ; HP Imaging & Printing Security Center: http://www.hp.com/go/ipsc ; On Demand Cloud Solutions: http://www.hpjetadvantage.com/ondemand

[1] 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.

[4] 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.

[5] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[6] 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/learnaboutSupportlies>

[9] 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.

[10] 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.

[13] 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 modelscripts are available on HP.com (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software.

[15] Original HP LaserJet "A" and "X" toner cartridges are also compatible with this product.

[19] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

Ink/Toner/Paper/Printer Supplies

HP Maintenance Kits

★ : Recommended

HP ScanJet Maintenance Kits

HP 200 ADF Roller Replacement Kit	W5U23A ★
HP 200 ADF Roller Replacement Kit	W5U23A ★

HP Laser Toner Cartridges and Kits

HP Color Laser Toner Printer Cartridges

HP Color LaserJet B5L35A 110V Fuser Kit	B5L35A ★
HP Color LaserJet B5L35A 110V Fuser Kit	B5L35A ★
HP Color LaserJet B5L37A Toner Collection Unit	B5L37A ★
HP Color LaserJet B5L37A Toner Collection Unit	B5L37A ★
HP Color LaserJet B5L36A 220V Fuser Kit	B5L36A

HP Paper for Multiple Uses

HP Multi-use Everyday Paper

HP All-in-One Printing Paper-250 sht/A4/210 x 297 mm	CHP712
HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm	CHP710
HP Copy Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP910
HP Hi White Everyday Paper-5 reams/A4/210 x 297 mm	Q2400A
HP Hi White Everyday Paper-5 reams/Letter/8.5 x 11 in	Q2398A
HP Home and Office Paper-500 sht/A4/210 x 297 mm	CHP150
HP Office Paper-10 reams/3-hole punched/Letter/8.5 x 11 in	HPC3HP
HP Office Paper-10 reams/Letter/8.5 x 11 in	HPC8511
HP Office Paper-2500 sht/A4/210 x 297 mm	CHP113
HP Office Paper-500 sht/A4/210 x 297 mm	CHP110
HP Office Quickpack-2500 sht/Letter/8.5 x 11 in	HP2500S
HP Premium Choice Paper-500 sht/A4/210 X 297 mm	CHP812
HP Printing Paper 90 gsm-500 sht/A4/210 x 297 mm	CHP235
HP Printing Paper-2500 sht/A4/210 x 297 mm	CHP215
HP Printing Paper-500 sht/A4/210 x 297 mm	CHP210

HP Multipurpose Paper

HP Multipurpose Paper-10 reams/3-hole punched/Letter/8.5 x 11 in	HPM113H
HP Multipurpose Paper-5 reams/Letter/8.5 x 11 in	HPM115R
HP Multipurpose Paper-5 reams/Letter/8.5 x 11 in	HPM115RC
HP Multipurpose Paper-500 sht/A4/210 x 297 mm	CHP225
HP Multipurpose Paper-500 sht/Letter/8.5 x 11 in	HPM1120

HP Recycled Paper

HP Recycled Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP830
HP Recycled Paper-10 reams/Letter/8.5 x 11 in	HPE1120

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m ² , A4 (210 x 297 mm), 150 sheets	CG965A
HP Enhanced Business Paper, Glossy, 40 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	Q6611A
HP Enhanced Business Paper, Matte, 40 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	Q6543A
HP Enhanced Tri-Fold Business Paper, Glossy, 40 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	Q6612A
HP Everyday Business Paper, Glossy, 32 lb, 11 x 17 in. (279 x 432 mm), 150 sheets	4WN07A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper, Glossy, 52 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN10A
HP Professional Business Paper, Matte, 52 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN05A

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P
HP Premium24(R), 24 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPJ1124P

HP Paper Designed for Laser Printers

HP Laser Everyday Paper

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Hardware Support Onsite Svc

HP 3 yr Next Business Day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed	U8TW4E ★
HP 3 year 4 hour Onsite 9x5 HW support w/Defective Media Retention for Color LaserJet Managed M577	U9EW8E ★
HP 1 year Post Warranty 4 hour Onsite 9x5 Hardware support w/DMR for Color LaserJet Managed M577	U9EX1PE
HP 1 year Post Warranty NBD w/Defective Media Retention Svc for Color LaserJet M577 E57540 Managed	U8TX0PE
HP 2 year Post Warranty NBD w/Defective Media Retention Svc for Color LaserJet M577 E57540 Managed	U8TX1PE
HP 4 year 4 hour Onsite 9x5 HW support w/Defective Media Retention for Color LaserJet Managed M577	U9EW9E
HP 4 yr Next Business Day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed	U8TW5E
HP 5 year 4 hour Onsite 9x5 HW support w/Defective Media Retention for Color LaserJet Managed M577	U9EX0E
HP 5 yr Next Business Day w/Defective Media Retention Service for Color LaserJet M577 E57540 Managed	U8TW6E

Imaging and Printing Commercial Care Pack Services

HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E ★
HP 1 yr Post Wnty Parts Exchange SVC for Color LaserJet M577 E57540 Managed	U8TX2PE
HP 3 year Parts Exchange Service for Color LaserJet M577 E57540 Managed	U8TW7E
HP 4 year Parts Exchange Service for Color LaserJet M577 E57540 Managed	U8TW8E
HP 5 year Parts Exchange Service for Color LaserJet M577 E57540 Managed	U8TW9E
HP Printer User Wellness Drapes Only Service for Generic Device	U31JXE

Accessories

Memory

★ : Recommended

DDR3 Memory

HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM	E5K48A ★
HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM	E5K49A ★
HP 2GB 144-Pin DDR3 TAA Version DIMM	2NR09A

Accessory Bundles

Printer Accessibility Accessories

HP Accessibility Kit	2TD64A ★
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Data Security Accessories

HP Removable Hard Drive Enclosure	2NR12A ★
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Paper Handling

Input Trays

HP Color LaserJet 550-sheet Media Tray	B5L34A ★
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Fax Upgrades

HP LaserJet MFP Analog Fax Accessory 600	B5L53A ★
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Cabinets and Stands

Printer Cabinets and Stands

HP Color LaserJet Printer Cabinet	B5L51A ★
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Cables/Cable Kits/Cable Adapters

Printer Cables

HP Foreign Interface Harness	B5L31A ★
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Port Cables and Cable Adapters

HP Internal USB Ports	B5L28A ★
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Network Print Servers

External Print Servers

HP Jetdirect 3000w NFC/Wireless Accessory

J8030A ★

HP Jetdirect 3100w BLE/NFC/Wireless Accessory

3JN69A ★

Security and Protection

Security Devices

HP Trusted Platform Module Accessory

F5S62A ★

Smart Cards and SmartCard Readers

HP USB Universal Card Reader

X3D03A ★

Solutions

Imaging and Printing Solutions

★ : Recommended

Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A ★
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HP Document and Workflow Solutions

JetAdvantage Printing Security

HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
HP Proximity Card Reader	HPPROXIMTYRDR
HP Secure Print and Insights	HPJETADSECUREPRINT
HP Security Manager	HPJETADSECMGR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL

JetAdvantage Printer Workflow

HP Capture and Route	HPCAPTANDROUTE
HP Workpath Apps	HPJA_AP

JetAdvantage Print Management

HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
Kofax ControlSuite	HP_CSUITE
LRS VPSX for Output Management	HP3PLRS

JetAdvantage Mobile Printing

ePRINTit	HP3PEPRINTIT
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