



# HP Sales Central

## HP Color LaserJet Enterprise M553n (B5L24A)

Active as of 4/1/2015

### Detailed Specifications

---

#### Accessories

2NR03A HP 1 GB 90-pin DDR3 DIMM; 2NR12A HP Removable Hard Drive Enclosure; 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory; 5EL03A HP TAA Version Secure Hard Disk Drive; B5L28A HP Internal USB Ports; B5L29A HP High-Performance Secure Hard Disk; B5L34A HP Color LaserJet 550-sheet Media Tray; B5L51A HP Color LaserJet Printer Cabinet; CC543B HP SmartCard NIPRNet Solution for US Government; F5S62A HP Trusted Platform Module Accessory; F8B30A HP SmartCard SIPRNet Solution for US Government; G6W84A HP 1 GB 90-pin DDR3 DIMM; HG277TT HP MICR Printing Solution - USB; J8030A HP Jetdirect 3000w NFC/Wireless Accessory; J8031A HP Jetdirect 2900nw Print Server; 2MU47A HP Accessibility Assistant; X3D03A HP Universal USB Proximity Card Reader

#### Acoustic power emissions (active, printing)

6.5 B(A)

#### Acoustic power emissions (ready)

4.7 B(A)

#### Acoustic power footnote number

[5]

#### Acoustic power note

Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm.

#### Acoustic pressure emissions bystander (active, printing)

51 dB(A)

#### Acoustic pressure emissions bystander (ready)

32 dB(A)

#### Additional information about HP in the countries

[hp.com](http://hp.com)

#### Automatic paper sensor

Yes

#### Bottom margin (A4)

2 mm absolute/5 mm assured image

#### Cable included

No, please purchase USB cable separately

#### Code name

Madrid

#### 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](http://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 2003/2003 R2), 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 2012/2012 R2): Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (<http://www.novell.com/iprint>): Novell iPrint Appliance v 1.0,

Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients (<http://www.novell.com/iprint>): Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+ Windows 7 (32/64-bit) recommend v5.82+, Windows Vista (32/64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+

### **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-bit and 64-bit editions, Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From [HP.com](http://HP.com)): Windows XP SP3 32-bit and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32-bit and 64-bit editions, Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from [HP.com](http://HP.com) and Apple Store): OS X 10.7 Lion, 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

### **Connectivity, optional**

HP Jetdirect 3000w NFC/Wireless Accessory J8030A (late availability), HP Jetdirect 2900nw Print Server J8031A (late availability)

### **Connectivity, standard**

Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000Base-TX network port

### **Control panel**

4-line color LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy)

### **Count of cartons per pallet layer**

4

### **Count of layers in pallet**

4

### **Country of origin**

Made in China

### **Datasheet photo 1**

Publication photos/M553n.jpg

### **Datasheet photo 4**

Publication photos/M553.jpg

### **Datasheet publication number**

4AA5-6772ENUC

### **Dimension note (imperial)**

Without Tray 1 or legal extension extended

### **Dimension(W x D x H) Footnote Number**

[12]

### **Display**

4-line LCD (color graphics) with 10-key pad

### **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/colorIjM553>; 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 printing**

Manual (driver support provided)

### **Duty cycle (monthly, A4)**

Up to 80,000 pages

### **Duty cycle (monthly, letter)**

Up to 80,000 pages

### **Duty cycle footnote number**

[8]

**Duty cycle note**

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.

**Electromagnetic compatibility**

CISPR 22:2008 Class A, EN 55022:2010 Class A, FCC CFR 47 Part 15 Class A, ICES-003, Issue 5 Class A, EN 55024:2010, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008

**Energy savings feature technology**

HP Auto-On/Auto-Off Technology; Instant-on Technology

**Energy star certified**

No

**Envelope Feeder**

No

**Environmental**

Mercury free

**FCC Class A emissions**

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

**Finished output handling**

Sheetfed

**First page out black (A4, ready)**

As fast as 6 sec

**First page out black (A4, sleep)**

As fast as 9 sec

**First page out black (letter, ready)**

As fast as 6 sec

**First page out black (letter, sleep)**

As fast as 8.5 sec

**First page out color (A4, ready)**

As fast as 7 sec

**First page out color (A4, sleep)**

As fast as 9 sec

**First page out color (letter, ready)**

As fast as 7 sec

**First page out color (letter, sleep)**

As fast as 9 sec

**First page out footnote**

Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

**First page out footnote number**

[7]

**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 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 <http://www.hp.com/go/laserjetfonts>

**Functions**

Print

**HP ePrint capability**

Yes

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 650 sheets

**Internal Storage**

Optional

**Left margin (A4)**

2 mm absolute/5 mm assured image

**Legal disclaimer**

© Copyright 2015 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Windows is a registered trademark of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

**Mac compatible**

Yes

**Maximum dimensions (W x D x H)**

27.5 x 18.9 x 15.7 in

**Maximum dimensions (W x D x H)**

699 x 479 x 399 mm

**Maximum input capacity (sheets)**

Up to 2300 sheets

**Maximum Memory**

2 GB

**Maximum metric depth**

479

**Maximum metric height**

399

**Maximum metric width**

699

**Maximum output capacity (sheets)**

Up to 250 sheets

**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 (standard in M553x)

**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 supported, key**

10 x 15 cm; A4; Envelopes

**Media sizes supported, key**

4 x 6 in; Letter; Legal; Envelopes

**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, tray 1**

Sheets (75 g/m<sup>2</sup> paper): 100; Transparencies, cardstock (163 g/m<sup>2</sup>): 50; Cardstock (216 g/m<sup>2</sup>): 30; Envelopes: 10

**Media type and capacity, tray 2**

Sheets (75 g/m<sup>2</sup> paper): 550; Labels, cardstock (163 g/m<sup>2</sup>), Transparencies: 200

**Media type and capacity, tray 3**

Sheets (75 g/m<sup>2</sup> paper): 550; Labels, cardstock (163 g/m<sup>2</sup>), Transparencies: 200

**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<sup>2</sup> (plain paper), 105 to 220 g/m<sup>2</sup> (glossy paper)

**Media weight (tray 2)**

60 to 220 g/m<sup>2</sup> (plain paper), 105 to 220 g/m<sup>2</sup> (glossy paper)

**Media weight (tray 3)**

60 to 220 g/m<sup>2</sup> (plain paper), 105 to 220 g/m<sup>2</sup> (glossy paper) (standard in M553x)

**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 weight, supported**

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); Automatic Duplexer: 60 to 163 g/m<sup>2</sup>

**Memory**

1 GB

**Memory card compatibility**

No

**Memory Slots**

1 slot, 90-pin

**Memory upgrade**

Expandable to 2 GB through 1 GB 90-pin DDR3 DIMM

**Metric depth**

479

**Metric height**

399

**Metric width**

458

**Minimum dimensions (W x D x H)**

18 x 18.9 x 15.7 in

**Minimum dimensions (W x D x H)**

458 x 479 x 399 mm

**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-bit and 64-bit editions, Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From [HP.com](http://HP.com)): Windows XP SP3 32-bit and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32-bit and 64-bit editions, Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); 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; CD-ROM or DVD drive, or Internet

connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space

**Minimum System Requirements for Macintosh**

Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB available hard disk

**Mobile printing capability**

HP ePrint; Apple AirPrint™; Mopria™-certified

**Mobile printing capability footnote**

May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>

**Mobile printing capability footnote number**

[4]

**Network capabilities**

Yes, 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)

**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

**Network ready**

Standard (built-in Gigabit 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 system (supported note)**

Not all Compatible Operating Systems are supported with In-Box software. Full solution software available only for Windows 7 and newer. Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print and Scan drivers only. Windows RT OS for Tablets (32-bit and 64-bit) uses a simplified HP print driver built into the RT OS. UNIX modelscripts are available on <http://www.hp.com> (Modelsceipts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software.

**Operating system supported footnote number**

[11]

**Operating temperature range**

15 to 30°C

**Operating temperature range**

59 to 81°F

**Orderable product number**

B5L24A#BGJ

**Orderable supplies**

HP 508A Black LaserJet Toner Cartridge (~6000 ISO yield) CF360A, HP 508X Black LaserJet Toner Cartridge (~12,500 ISO yield) CF360X, HP 508A Cyan LaserJet Toner Cartridge (~5000 ISO yield) CF361A, HP 508X Cyan LaserJet Toner Cartridge (~9500 ISO yield) CF361X, HP 508A Yellow LaserJet Toner Cartridge (~5000 ISO yield) CF362A, HP 508X Yellow LaserJet Toner Cartridge (~9500 ISO yield) CF362X, HP 508A Magenta LaserJet Toner Cartridge (~5000 ISO yield) CF363A, HP 508X Magenta LaserJet Toner Cartridge (~9500 ISO yield) CF363X, HP LaserJet 110v Fuser Kit B5L35A, HP LaserJet 220v Fuser Kit B5L36A, HP Color LaserJet Toner Collection Unit B5L37A

**Output capacity**

Up to 250 sheets

**Package dimensions (W x D x H)**

23.6 x 19.7 x 23.6 in

**Package dimensions (W x D x H)**

600 x 500 x 598 mm

**Package weight**

30.8 kg

**Package weight**

68 lb

**Page yield footnote**

Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutesupplies>

**Pallet dimensions**

47.3 x 39.4 x 100 in

**Pallet dimensions (W x D x H)**

1200 x 1000 x 2540 mm

**Pallet weight**

1106 lb

**Pallet weight**

503 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

**Ports**

2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit/Fast Ethernet 10/100/1000Base-TX

**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)

**Power consumption**

617 watts (Active Printing), 33.7 watts (Ready), 3.95 watts (Sleep), 1 watt (Auto-Off/wake on LAN), 0.1 watts (Auto-Off/Manual On), 0.1 watts (Off)

**Power consumption footnote number**

[2]

**Power consumption Note**

Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.

**Power supply type**

Internal (Built-in) power Support

**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 (best)**

HP ImageREt 3600

**Print quality black (normal)**

Up to 600 x 600 dpi

**Print quality color (best)**

HP ImageREt 3600

**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 Resolution Technologies**

HP ImageREt 3600, Pantone Calibrated

**Print speed**

Print speed up to 40 ppm (black) and 40 ppm (color)

**Print speed (A4/letter) footnote number**

[6]

**Print speed black (ISO, A4)**

Up to 38 ppm

**Print speed black (ISO, letter)**

Up to 40 ppm

**Print speed black (Landscape, A5)**

Up to 59 ppm

**Print speed black (Portrait, A5)**

Up to 6 ppm

**Print Speed Color (ISO)**

Up to 38 ppm

**Print speed color (ISO)**

Up to 40 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**

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.

**Print speed footnote (A5)**

Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

**Print speed footnote number (A5)**

[14]

**Print technology**

Laser

**Print Technology**

Laser

**Printer Management**

Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac)



**Printer smart software features**

HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, JetIntelligence cartridges, Online help

**Processor speed**

1.2 GHz

**Product long name specifications**

HP Color LaserJet Enterprise M553n

**Product note**

FCC Class A emissions - for use in commercial environments, not residential environments[14]

**Quantity per pallet**

16

**Recommended monthly page volume**

2000 to 6000 pages

**Recommended monthly page volume footnote number**

[9]

**Recommended monthly page volume note**

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.

**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 cartridges**

HP 508A Black LaserJet Toner Cartridge (~6000 ISO yield) CF360A; HP 508X Black LaserJet Toner Cartridge (~12,500 ISO yield) CF360X; HP 508A Cyan LaserJet Toner Cartridge (~5000 ISO yield) CF361A; HP 508X Cyan LaserJet Toner Cartridge (~9500 ISO yield) CF361X; HP 508A Yellow LaserJet Toner Cartridge (~5000 ISO yield) CF362A; HP 508X Yellow LaserJet Toner Cartridge (~9500 ISO yield) CF362X; HP 508A Magenta LaserJet Toner Cartridge (~5000 ISO yield) CF363A; HP 508X Magenta LaserJet Toner Cartridge (~9500 ISO yield) CF363X

**Replacement cartridges footnote**

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>

**Replacement cartridges footnote number**

[3]

**Replacement product number**

CF081A

**Right margin (A4)**

2 mm absolute/5 mm assured image

**RMN number**

BOISB-1406-02

**Safety**

IEC 60950-1:2005 +A1:2009 +A2:2013, EN 60950-1:2006 +A1:2010 +A11:2009 +A12:2011 +A2:2013, EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product), EN 62479:2010 / IEC 62479:2010

**Security management**

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

**Service & support options**

Free telephone support for basic setup, installation and troubleshooting for North America, EMEA, AP and LA during warranty period. Optional HP Supportpack are available for 4 hour response during standard business hours; Optional HP Supportpack for 24 hours a day 7 days a week; Optional HP Supportpack for

Comprehensive Technical Support.

**Services**

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

**Services**

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

**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 (Care Pack)**

U8CG3E - HP 3 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Hardware Support; U8CH0E - HP 4 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Support; U8CH1E - HP 5 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Support; U8CJ4PE - HP 1 year Post Warranty Next Business Day+Defective Media Retention LaserJet M552/3 Hardware Support; U8CG4E - HP 3 year 4 hour 9x5 + Defective Media Retention Color LaserJet M552/3 Hardware Support; H2872E - Installation for 1 Network Configuration for Dept and Color LaserJet printer

**Services description headline 01**

Next Business Day with Defective Media Retention:

**Services description headline 02**

Same Day – 4 hour 9x5 and 13x5:

**Services description headline 03**

Installation Service with Network Setup:

**Software included**

Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals; Mac OS: Welcome Screen, (Directs users to [HP.com](http://HP.com) or OS App Store for LaserJet Software)

**Standard input capacity (envelopes)**

Up to 10

**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/Flash drive; USB printing

**Storage temperature range**

0 to 35°C

**Storage temperature range**

32 to 95°F

**Sub-brand name**

LaserJet

**Supplies feature**

HP JetIntelligence Cartridge

**SureSupply footnote number**

[10]

**SureSupply note**

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>

**SureSupply supported**

Yes

**Target user and print volume**

For teams up to 15 users; Prints up to 7,500 pages/month

**Tariff numbers**

8443321010 (National HTS, AM Base HTS); 8443321090 (EU Base HTS); 84433230 (AP Base HTS)

**Tech spec footnote**

[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.

**Tech spec footnote**

[10] 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>.

**Tech spec footnote**

[11] Not all Compatible Operating Systems are supported with In-Box software. Full solution software available only for Windows 7 and newer. Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print and Scan drivers only. Windows RT OS for Tablets (32-bit and 64-bit) uses a simplified HP print driver built into the RT OS. UNIX modelscripts are available on <http://www.hp.com> (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software.

**Tech spec footnote**

[12] Without Tray 1 or legal extension extended

**Tech spec footnote**

[13] With printer cartridges

**Tech spec footnote**

[14] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

**Tech spec footnote**

[2] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.

**Tech spec footnote**

[3] 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/learnaboutsupplies>

**Tech spec footnote**

[4] May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>

**Tech spec footnote**

[5] Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm.

**Tech spec footnote**

[6] 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.

**Tech spec footnote**

[7] Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

**Tech spec footnote**

[8] 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.

**Tech spec footnote**

[9] 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.

**Technical support information**

<http://www.hp.com/support/colorljM553>

**Technology logo, print 1**

Publication logos/AMS\_EnergyStar.jpg

**Technology logo, print 2**

Publication logos/AMS\_windows\_10.jpg

**Technology logo, print 3**

Publication logos/AMS\_mac\_hires.jpg

**Technology logo, print 4**

Publication logos/AMS\_Mopria.jpg

**Technology logo, print 5**

Publication logos/AMS\_hp\_eprint.jpg

**Technology logo, print 6**

Publication logos/AMS\_AirPrint.jpg

**Top key features**

Front-facing USB printing

**Top margin (A4)**

2 mm absolute/5 mm assured image

**Tray capacity**

650

**Typical electricity consumption (TEC) number**

1.86 kWh/Week (Blue Angel); 0.388 kWh/Week (Energy Star 3.0)

**UNSPSC code**

43212105

**UPC number**

(A62) 888182585610; (A64) 888793861356; (A65) 888793861363; (A67) 888182585627; (AB0) 888182487150; (AB2) 888182487167; (ABJ) 888182487174; (ABT) 888182487211; (ABY) 888182487228; (ACJ) 888182487181; (ACQ) 888182487235; (B13) 888793551905; (B19) 888182487242; (BAZ) 888182487259; (BBU) 888182487198; (BGJ) 888182487266; (BGM) 888182487204

**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.

**Weight**

27 kg

**Weight**

59.5 lb

**Weight (imperial) footnote number**

[13]

**Weight note (imperial)**

With printer cartridges

**What is in the box footnote**

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.

**What is in the box footnote number**

[1]

**What's in the box**

Printer; Four preinstalled HP LaserJet toner cartridges (yield ~6000 pages black and ~5000 pages color); Toner collection unit; In-box documentation; Software CD; Power Cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2

**Wireless capability**

Optional, enabled with purchase of a hardware accessory