

HP Color LaserJet Enterprise M653dn



This HP Color LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security.



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.²
- Give workgroups what they need to succeed. Choose and deploy over 175 HP and third-party security features.

High speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents at up to 60 images per minute.³
- This printer wakes up fast and prints your first page faster—in as quickly as 7.7 seconds.⁴
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.⁵
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.

More Pages, Performance, and Protection⁶

- ColorSphere3 toner formulation, combined with an automatic media sensor, help provide leading print quality.
- Original HP Toner Cartridges with JetIntelligence supply 46% more pages per color cartridge vs predecessor.⁶
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.⁷



¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit hp.com/go/PrintersThatProtect. For more information: hp.com/go/printersecurityclaims. ² HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin. ³ 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. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. ⁵ Energy claim based on TEC data reported on energystar.gov as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 50 to 60 ppm. Subject to device settings. Actual results may vary. ⁶ More pages versus predecessor cartridges claim based on page-yield comparison of HP M647A and HP 648A Color Original LaserJet Toner Cartridges with HP 656X High Yield Color Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsups. ⁷ HP 656X High Yield Original LaserJet Toner Cartridges not included; please purchase separately.

HP Color LaserJet Enterprise M653dn Specifications Table

Print Speed	A4: Up to 56 ppm; Letter: Up to 60 ppm black; Up to 56 ppm; Letter: Up to 60 ppm color. ⁸ First Page Out: As fast as 5.8 sec black; As fast as 5.8 sec color. ¹⁰
Print Resolution	Black (best): Up to 1200 x 1200 dpi; Color (best): Up to 1200 x 1200 dpi
Print Technology	Laser
Print Resolution Technologies	HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); 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), URF (AirPrint)
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
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Standard Connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
Wireless Capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria-certified ⁷
Memory	Standard: 1 GB; Maximum: 2 GB
Processor Speed	1.2 GHz
Duty Cycle	Monthly, A4: Up to 120,000 pages
Recommended Monthly Page Volume	2,000 to 17,000
Media Types Supported	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 Supported	Tray 1: 60–220 g/m ² (plain), 120 to 220 g/m ² (glossy); Tray 2 and automatic two-sided printing unit: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); Optional Tray 4 2,000 high capacity input: 60–163 g/m ² (plain)
Media Sizes Supported	Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 550-sheet trays 3, 4, 5: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 2,000-sheet high-capacity Tray 4: A4
Media Sizes Custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 101.6 x 148 to 216 x 356 mm; Optional 550-sheet trays: 101.6 x 148 to 216 x 356 mm; Optional 2,000-sheet high-capacity tray: custom sizes not supported in this tray
Paper Handling	100-sheet multi-purpose tray, 550-sheet input tray 2; 500-sheet output bin; Duplex Options: Automatic (standard); Envelope Feeder: No; Standard Paper Trays: 2; Input Capacities: Up to 650 sheets, standard; Output Capacities: Up to 500 sheets, standard; Up to 85 envelopes; Up to 200 sheets, transparencies
What's in the box	J8A04A HP Color LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord ²
Replacement Cartridges	HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 656X High Yield Black Original LaserJet Toner Cartridge (~27,000 yield) CF460X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 yield) CF451A; HP 656X High Yield Cyan Original LaserJet Toner Cartridge (~22,000 yield) CF461X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 656X High Yield Yellow Original LaserJet Toner Cartridge (~22,000 yield) CF462X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF453A; HP 656X High Yield Magenta Original LaserJet Toner Cartridge (~22,000 yield) CF463X ⁶
Product Dimensions	W x D x H: 510 x 458 x 510 mm; 20.08 x 18.03 x 20.08 in; Maximum: 963 x 770 x 510 mm; 37.91 x 30.31 x 20.08 in
Product Weight	31.3 kg; 68.9 lb
Warranty Features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region.
Energy Efficiency Compliance	ENERGY STAR® certified; Blue Angel; EPEAT® Silver; EPEAT® Gold (#AAZ, #201 options only)
Control Panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Display Description	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)
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 WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet flash and iPD5 Emulation available at http://www.hp.com/go/laserjetfonts

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.)
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 www.novell.com/print , Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.novell.com/print , Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 32-/64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 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	PC: 2GB available hard disk space, OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Power	Power Supply Type: Built in 115V or 220V Power Supply (not dual voltage, power supply varies by part number with option code identifier); Power Requirements: Input voltage: 100V to 127V nominal (+/-10%), 50–60Hz nominal (+/-3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50–60Hz nominal (+/-3Hz), 6 A; Power Consumption: 780 watts (printing), 31 watts (ready), 0.7 watts (sleep), 0.7 watts (Auto Off/Manual On), 0.1 (Manual Off) ³
Acoustics	Acoustic Power Emissions (active): 6.9 dB(A); Acoustic Power Emissions (ready): 4.6 dB(A); Acoustic Pressure Emissions (active): 54 dB(A); Acoustic Pressure Emissions (ready): 31 dB(A)
Operating Environment	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 17.5 to 25°C; Storage Temperature Range: –20 to 40°C; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 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 WPA-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
Accessories	HP Color LaserJet 550-sheet Paper Feeder P1B09A, HP Color LaserJet 550-sheet Paper Feeder with Stand and Cabinet P1B10A, HP Color LaserJet 3x550-sheet Paper Feeder with Stand P1B11A, HP Color LaserJet 1x550/2000-sheet Feeder and Stand P1B12A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Trusted Platform Module Accessory F562A, HP Internal USB Ports B5L28A, HP Secure High Performance Hard Disk Drive B5L29A, HP 1GB DDR3 x32 144-Pin 800MHz SODIMM E5K48A
HP Service and Support Options	U9N26E - HP 3y Nbd+DMR CLJ Ent M65x HW Supp; U9N27E - HP 4y Nbd+DMR CLJ Ent M65x HW Supp; U9N28E - HP 5y Nbd+DMR CLJ Ent M65x HW Supp; U9N29E - HP 3y 4h 9x5+DMR CLJ Ent M65x HW Supp; U9PA0E - HP 4y 4h 9x5+DMR CLJ Ent M65x HW Supp; U9PA1E - HP 5y 4h 9x5+DMR CLJ Ent M65x HW Supp; U9PA2E - HP 3y 4h 13x5+DMR CLJ Ent M65x HW Supp; U9PA4E - HP 5y 4h 13x5+DMR CLJ Ent M65x HW Supp; U9PA5E - HP 3y NBD CTR+DMR CLJ Ent M65x HW Supp; U9PA6E - HP 4y NBD CTR+DMR CLJ Ent M65x HW Supp; U9PA7E - HP 5y NBD CTR+DMR CLJ Ent M65x HW Supp; U9PA8E - HP 3y Nbd ChnlParts CLJ Ent M65x SVC; U9PA9E - HP 4y Nbd ChnlParts CLJ Ent M65x SVC; U9PB0E - HP 5y Nbd ChnlParts CLJ Ent M65x SVC; U9PB1E - HP 3yNbd+max3 MaintKit CLJEntM65xHWSupp; U9PB2E - HP 4yNbd+max4 MaintKit CLJEntM65xHWSupp; U9PB3E - HP 5yNbd+max5 MaintKit CLJEntM65xHWSupp; U9PB4E - HP 3y NBD Exchange CLJ Ent M65x SVC; U9PB5E - HP 4y NBD Exchange CLJ Ent M65x SVC; U9PB6E - HP 5y NBD Exchange CLJ Ent M65x SVC; U9PB7E - HP 3y Return CLJ Ent M65x SVC; U9PB8E - HP 4y Return CLJ Ent M65x SVC; U9PB9E - HP 5y Return CLJ Ent M65x SVC; U9PC0PE - HP 1y PW Nbd+DMR CLJ Ent M65x HW Supp; U9PC1PE - HP 2y PW Nbd+DMR CLJ Ent M65x HW Supp; U9PC2PE - HP 1y PW 4h 9x5+DMR CLJ Ent M65x HW Supp; U9PC3PE - HP 2y PW 4h 9x5+DMR CLJ Ent M65x HW Supp; U9PC4PE - HP 1y PW 4h 13x5+DMR CLJ Ent M65x HW Supp; U9PC5PE - HP 2y PW 4h 13x5+DMR CLJ Ent M65x HW Supp; U9PC6PE - HP 1y PW Nbd CTR+DMR CLJEntM65x HW Supp; U9PC7PE - HP 2y PW Nbd CTR+DMR CLJEntM65x HW Supp; U9PC8PE - HP 1y PW ChnlParts CLJ Ent M65x SVC; U9PC9PE - HP 2y PW ChnlParts CLJ Ent M65x SVC; U9PD0PE - HP 1y PW NBD Exchange CLJ Ent M65x SVC; U9PD1PE - HP 1y PW Return CLJ Ent M65x SVC

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¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ² Cartridges included; yields 10,500 color (C/Y/M) and 12,500 black pages. Pages 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>. Pages may vary based on customer printing conditions and usage. ³ 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. 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. Energy Star value typically based on measurement of 115V device. ⁵ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. 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/learnaboutsupplies>. ⁷ May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support> ⁸ 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. ⁹ Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. ¹⁰ 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. ¹¹ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. ¹² eMMC is non-volatile storage; Firmware encryption (AES 128 or AES 256) of driver, and data capture; Secure Cryptographic Erase – Job Data; Secure Erase – Disk ¹³ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutsupplies>

