Data sheet

HP Color LaserJet Enterprise M651dn Printer

Count on reliable performance and handle high-volume color printing in the office and on the go.

Count on performance. Print professional-quality, two-sided color documents—letter and A4—with outstanding reliability. Efficient one-touch printing and mobile printing options plus simple management help you be productive wherever work takes you.

HP Color LaserJet Enterprise M651dn

Invest in reliable printing performance
- Tackle printing tasks confidently—with a printer designed for quiet performance and minimal intervention.
- Stay on firm ground—maintain printing productivity thanks to reliable, upgradable firmware.
- Print your best—equip every department with vibrant, consistent, professional-quality printing.

Keep business moving—from virtually anywhere
- Print without wires—or a network. Get easy access to the printer through optional wireless direct printing.[1]
- Mobile printing at a touch—enable touch-to-print convenience from mobile devices.[2]
- Easily print from smartphone, tablets, and notebooks at work, home, or on the go; Mopria-certified.[3]

Ready for the future
- Keep up with the times. Easily update this printer as solutions advance—with HP FutureSmart Firmware.
- Depend on a printer that can expand with your business, with easy and feature upgrades.
- Take the guesswork out of management—centrally monitor and control all your printers with HP Web Jetadmin.[4]

High-volume productivity
- Get exceptional value from Original HP high-capacity ink cartridges.
- Easy control at your fingertips—select settings using the 4.3-inch color touchscreen.
- Meet the demands of high-volume print jobs—this printer has a paper input capacity of up to 3,100 sheets.[5]
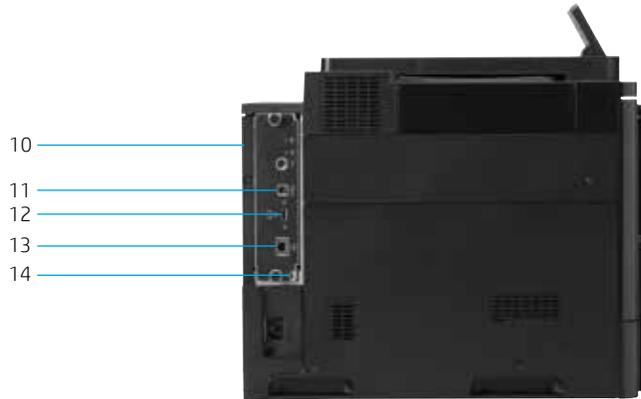
Product walkaround

1   Intuitive 4.3-inch (10.9 cm) color VGA control panel

2   Home button (returns to home screen)

3   500-sheet output bin

4   Front door provides convenient access to HP toner cartridges and drums

5   Built-in automatic duplexer

6   500-sheet input tray

7   Hardware integration pocket

8   Easy access USB port to print files directly

9   100-sheet multipurpose tray supports media weights up to 58 lb bond (220 g/m^2)

10 800 MHz processor, 1.5 GB RAM

11 Hi-Speed USB 2.0 printing port

12 Hi-Speed USB 2.0 port (for connecting third-party devices)

13 HP Jetdirect Gigabit Ethernet print server

14 Access port for optional Kensington-style lock

HP Color LaserJet Enterprise M651dn shown

Front view

Rear view

Series at a glance

Model	M651dn
Part number	CZ256A
100-sheet multipurpose tray	✓
500-sheet tray 2	✓
2 x 500-sheet trays and 1,500-sheet HCI with stand	Optional
Touch-to-print and wireless direct mobile printing	Optional
HP High-Performance Secure Hard Disk	Not available
Automatic duplexer	✓

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 comprehensive suite of protection services designed to keep HP Hardware software up and running so employees can stay productive.

Choose from:

Next Business Day Onsite Repair: Makes an HP technician available at customer's premise the next business day, if the issue cannot be resolved remotely.

Same Day Onsite – 4 hour 9 x 5 and 13 x 5: Sends an HP technician to customer's 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.

For care pack availability visit: hp.com/go/cpc

Top Features

Achieve the results your business demands. Print high-quality color documents page after page and complete printing tasks with confidence.

Help workteams keep up with the pace of business—enable printing from any location in your office or on the go with mobile printing options.

Make a smart investment with a printer that can change with the times. Easily upgrade and extend solutions—and keep sensitive data safe.

Keep work moving—and spend less time reloading supplies—with high-capacity cartridges and room for up to 3,100 sheets. This printer's intuitive color touchscreen makes job setup quick and simple.[1]

Accessories

CC497A	HP LaserJet Postcard Media Insert Tray
CE246A	HP Color LaserJet 110V Fuser Kit
CE265A	HP LaserJet CP4525 Toner Collection Unit
CC487A	HP LaserJet MFP Analog 500 Fax Accessory
CE247A	HP Color LaserJet 220V Fuser Kit
CE249A	HP Color LaserJet Transfer Kit
CZ261A	HP Color LaserJet 500-sheet Paper Tray
CZ263A	HP Color LaserJet 2 x 500-sheet, 1,500-sheet High-capacity Paper Feeder and Stand
CZ264A	900-sheet, 3-bin stapling mailbox
E5K46A	HP NFC/Wireless 1200w Mobile Print Accessory
J8029A	HP JetDirect 2800w NFC/Wireless Direct Accessory

Supplies[2]

CF330A	HP 653A Black LaserJet Toner Cartridge
CF330X	HP 654X High Yield Black LaserJet Toner Cartridge
CF331A	HP 654A Cyan Original LaserJet Toner Cartridge
CF332A	HP 654A Yellow Original LaserJet Toner Cartridge
CF333A	HP 654A Magenta Original LaserJet Toner Cartridge

Services

U1UJ2E	HP 3-year 4h 9 x 5 Color LaserJet M651 Hardware Support
U1UJ3E	HP 3-year 4h 13 x 5 Color LaserJet M651 Hardware Support
U1UJ4E	HP 4-year 4h 9 x 5 Color LaserJet M651 Hardware Support
U1UJ5E	HP 4-year 4h 13 x 5 Color LaserJet M651 Hardware Support
U1UJ6E	HP 5-year 4h 9 x 5 Color LaserJet M651 Hardware Support
U1UJ7E	HP 5-year 4h 13 x 5 Color LaserJet M651 Hardware Support
U1UJ8E	HP 3-year Next Business Day + DMR Color LaserJet M651 Support
U1UJ9E	HP 4-year Next Business Day + DMR Color LaserJet M651 Support
U1UK0E	HP 5-year Next Business Day + DMR Color LaserJet M651 Support
U1UL1PE	HP 2-year Post Warranty Next Business Day Color LaserJet M651 Hardware Support
U1UL4PE	HP 1-year Post Warranty Next Business Day + DMR Color LaserJet M651 Support

HP Color LaserJet Enterprise M651dn Printer

Technical specifications	HP Color LaserJet Enterprise M651dn (CZ256A)
Functions	Print only
Duplex print options	Automatic (standard)
Print speed¹	**Normal, A4:** Up to 42 ppm black, Up to 42 ppm color; **Normal, letter:** Up to 45 ppm black, Up to 45 ppm color
First page out²	**Black (ready):** As fast as 9 sec; **Color (ready):** As fast as 9 sec
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 4800, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), HP on-paper calibration Technology
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Printer smart software features	HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Auto-Off technology, HP EasyColor, Front-facing USB printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs
Mobile printing capability³	HP ePrint; Optional, Wireless direct printing; Apple AirPrint™; Mobile Apps
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF and AirPrint (URF and PDF)
Printer management	HP Web Jetadmin; HP Utility (Mac)
Standard connectivity	1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third party connections); 1 Accessory (for Kensington Lock); 1 Ethernet
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); 802.11b/g/n wireless networking (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.
Network ready	Standard (built-in Gigabit Ethernet); Included Touch-to-print and Wireless Direct
Wireless capability	Yes, NFC/Wireless via HP Jetdirect 2700w & 2800w
Memory	1.5 GB (System Memory)
Processor speed	800 MHz
Duty cycle (monthly)⁴	Up to 120,000 pages; **Recommended monthly page volume:⁵** 2,000 to 17,000 pages
Paper handling	
Input	500-sheet input tray, 100-sheet multi-purpose tray, automatic two-sided printing
Output	500-sheet output bin
Media type	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy, preprinted, prepunched, colored, rough), color transparency, labels, letterhead, envelope, opaque film
Media weight	**Multipurpose tray:** 60 to 220 g/m²; **500-sheet input trays, automatic two-sided printing unit:** 60 to 120 g/m² plain paper, 105 to 220 g/m² glossy paper
Media sizes custom	**Multipurpose tray:** 76 x 127 to 216 x 356 mm; **500-sheet input trays:** 148 x 210 to 216 x 356 mm; **Optional HP Postcard Media Insert Tray (must be installed in tray 2):** 10 x 15 cm
Dimensions (W x D x H)	550 x 520 x 455 mm (21.7 x 20.5 x 18 in); **Max:** 819 x 863 x 521 mm (32.3 x 34 x 20.5 in)
Weight	39.1 kg (86.2 lb)
What's in the box	HP Color LaserJet Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Support flyer
Warranty features	One-year, onsite warranty
Energy efficiency compliance	ENERGY STAR® 2.0; Blue Angel UZ-171; EPEAT® Silver
Compatible operating systems	Windows XP SP3 or greater (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2003 SP2 or greater (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Maverick. For the latest operating system support see: AirPrint support.apple.com/kb/ht4356, Android Citrix and Windows® Terminal Services (hp.com/go/upd), HP ePrint Software Driver hp.com/go/eprintsoftware, Linux (hplip.net), Novell (novell.com/iprint), SAP device types hp.com/go/sap/drivers, SAP Print hp.com/go/sap/print), UNIX hp.com/go/unix, UNIX JetDirect hp.com/go/jetdirectunix_software, Unix Model Scripts
Compatible network operating system	HP-UX 10.20, 11.x, 11.i, IBM AIX 3.2.5 or higher, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Maverick, Microsoft Windows 2000, MPE-iX, Citrix MetaFrame Server, Novell 5.1 or higher, Red Hat Linux 7.x or higher, Solaris 2.5 or higher (SPARC systems only), SuSe Linux 8.x or higher, Windows 2003 SP2+ 64-bit, Windows Server 2003 SP2+, Windows Terminal Services, Windows Vista (32-bit and 64-bit), Windows Vista(R) Ready, Windows XP SP3+ 64-bit, Windows XP SP3+ Home, Windows XP SP3+ Home, Windows XP SP3+ Professional, Windows XP SP3+ Professional and Windows Vista, Windows 7 SP1 or greater (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), (For Microsoft IPv6 compatibility use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista)
Minimum system requirements	**PC:** Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008; Windows Server 2008 R2 (64 bit); Windows Server 2012 (64-bit); 200 MB available hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see microsoft.com; **Mac:** Mac OS X 10.6 Snow Leopard; Mac OS X 10.7 Lion; OS X 10.8 Mountain Lion; OS X 10.9 Maverick; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 1 GB of available hard-disk space; Operating system compatible hardware system requirements see apple.com
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 hp.com/go/laserjetfonts
Control panel	STP 10.92 cm WQVGA 480 x 272 resistive touch display with home button
Power	**Power supply type:** Built-in power supply; **Power supply required:** 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption:⁶** Printing: 650 watts, Manual Off: 0.1 watts, Sleep: 8.5 watts, Ready: 67 watts, Auto-Off/Manual On: 0.1W, Auto Off/Wake on LAN: 1.9 watts; **Typical electricity consumption (TEC) number:** 4.7 kWh/Week
Software included	**Windows:** HP Installer/Uninstaller, HP PCL 6 print driver, Wizard, Scan to Folder Setup Wizard, Scan-to-e-mail setup Wizard, HP Send Fax, DXP (Device Experience), HP Help & Learn Center, Product Registration Assist, **Mac:** HP Installer/Uninstaller, HP Postscript driver, HP Utility, HP Alerts, HP Firmware Updater
Acoustic	**Acoustic power emissions:⁷** 7.1 B(A); **Acoustic power emissions (ready):** 4.9B(A); **Acoustic pressure emissions bystander (active, printing):** 55 dB(A); **Acoustic pressure emissions bystander (ready):** 34 dB(A)
Environmental ranges	**Operating temperature range:** 10 to 30⁰ C (50 to 86⁰ F); **Recommended operating temperature:** 15 to 27⁰ C (59 to 80.6⁰ F); **Non-operating humidity range:** 10 to 90% RH; **Operating humidity range:** 10 to 80% RH; **Recommended operating humidity 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 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; Security management: Compatible with HP Imaging and Printing Security Center
Safety approvals and requirements	IEC 60950-1:2005 + A1; EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011; IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
Electromagnetic emission standard	CISPR 22:2008/EN 55022:2010 (Class A), EN 61000-3-2:2006 +A1:2009 + A2:2009, EN 61000-3-3:2008, EN 55024:2010, FCC Title 47 CFR, Part 15 Class A(USA), ICES-003, Issue 4 (Canada), EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

¹ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
² Exact speed varies depending on the system configuration, software application, driver and document complexity. ³ May require a firmware upgrade to be compatible, download at hp.com/go/support ⁴ 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. ⁵ 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. ⁶ 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. ⁷ Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: base model, simplex printing, A4 paper at an average of 42 ppm.

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