HP Color LaserJet Enterprise M651 series

Top-quality colour your business can count on

Performance you can count on: high-volume, professional-quality, two-sided colour documents 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 Printer

HP Color LaserJet Enterprise M651xh Printer

Color laser technology

Color touchscreen

2-sided printing

Auto On/Off Technology

Invest in reliable printing performance.

- Get results you can depend on, 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 colour printing.

Keep your 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 with Near Field Communications (NFC): 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].
- Print from virtually anywhere with Apple® AirPrint™[4]. Print from your mobile device with built-in print capability or the HP ePrint app and software[3].

Be 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.
- Monitor and control your printers, no matter where you are, with HP Web Jetadmin[5].
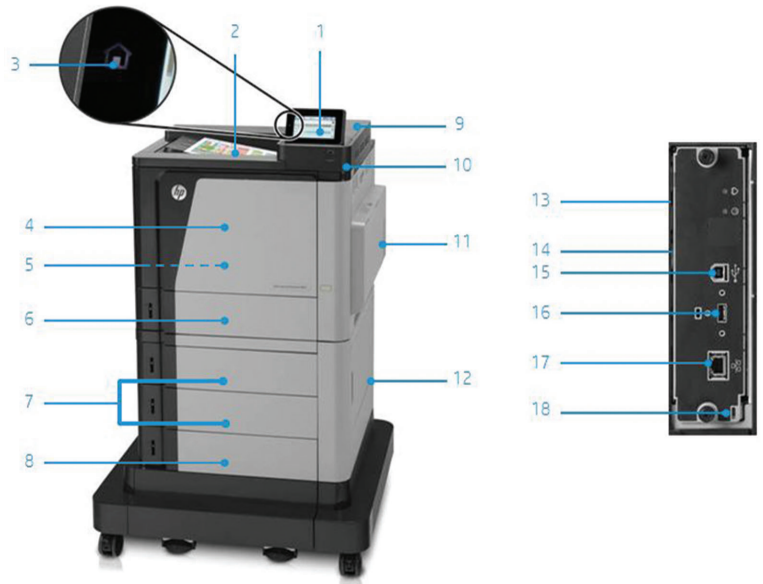- Help protect sensitive business data with advanced security solutions and an encrypted hard disk[6].

Achieve high-volume productivity.

- Get exceptional value from Original HP high-capacity ink cartridges.
- Easy control at your fingertips: select settings using the 11 cm (4.3-inch) colour touchscreen.
- Meet the demands of high-volume print jobs – this printer has a paper input capacity of up to 3,100 sheets[7].

Product walkaround

HP Color LaserJet Enterprise M651xh shown:

1. Intuitive 10.9 cm colour VGA control panel
2. 500-sheet output bin
3. Home button (returns to home screen)
4. Front door provides convenient access to HP toner cartridges and drums
5. Built-in automatic duplexer
6. 500-sheet input tray
7. 2 x 500-sheet paper trays
8. 1,500-sheet high-capacity input tray
9. Hardware integration pocket
10. Easy access USB port to print files directly (An administrator must enable the easy-access USB port before use)
11. 100-sheet multipurpose tray supports media weights up to 220 g/m²
12. Lower-right door (access for clearing jams)
13. HP High-Performance Secure Hard Disk
14. 800 MHz processor, 1 GB RAM
15. Hi-Speed USB 2.0 printing port
16. Hi-speed USB 2.0 port (for connecting third-party devices)
17. HP Jetdirect Gigabit Ethernet print server
18. Access port for optional Kensington-style lock

Series at a glance

Model	HP Color LaserJet Enterprise M651n	HP Color LaserJet Enterprise M651dn	HP Color LaserJet Enterprise M651xh
Product number	CZ255A	CZ256A	CZ257A
Automatic two-sided printing	Not available	Yes	Yes
100-sheet multipurpose tray 1	Yes	Yes	Yes
500-sheet tray 2	Yes	Yes	Yes
500-sheet tray 3	Optional	Optional	Not available
500-sheet feeder tray with cabinet	Optional	Optional	Not available
2 x 500-sheet and 1,500-sheet feeder tray and stand	Optional	Optional	Yes
ENERGY STAR® qualified	No	Yes	Yes
HP Secure High Performance Hard Disk	Not available	Not available	Yes

Accessories, Supplies and Support

Supplies	**CF330X** HP 654X High Yield Black Original LaserJet Toner Cartridge 20,500 pages
	CF320A HP 652A Black Original LaserJet Toner Cartridge 11,500 pages
	CF331A HP 654A Cyan Original LaserJet Toner Cartridge 15,000 pages
	CF332A HP 654A Yellow Original LaserJet Toner Cartridge 15,000 pages
	CF333A HP 654A Magenta Original LaserJet Toner Cartridge 15,000 pages
	CE246A HP Color LaserJet CE246A 110V Fuser Kit 150,000 pages
	CE247A HP Color LaserJet CE247A 220V Fuser Kit 150,000 pages
	CE249A HP Color LaserJet CE249A Image Transfer Kit 150,000 pages
	CE265A HP 648A Toner Collection Unit 36,000 pages
Accessories	**CZ261A** HP LaserJet 500-sheet Paper Tray
	CZ262A HP LaserJet 500-sheet Paper Feeder with Cabinet
	CZ263A HP 2x500/1x1500-sheet Paper Feeder and Stand
	CC497A HP LaserJet Postcard Media Insert Tray
Connectivity	**J8021A** HP Jetdirect ew2500 802.11b/g Wireless Print Server
	J8026A HP Jetdirect 2700w USB Wireless Print Server
	J8029A HP Jetdirect 2800w NFC/Wireless Direct Accessory
Service and support	**U1UJ8E** HP 3 year Next Business Day with Defective Media Retention Color LaserJet M651 Support **U1UJ9E** HP 4 year Next Business Day with Defective Media Retention Color LaserJet M651 Support **U1UK0E** HP 5 year Next Business Day with Defective Media Retention Color LaserJet M651 Support **U1UJ2E** HP 3 year 4 hour 9x5 Color LaserJet M651 Hardware Support **U1UL4PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M651 Support **U1UL1PE** HP 2 year Post Warranty Next Business Day Color LaserJet M651 Hardware Support **U1UL2PE** HP 1 year Post Warranty 4 hour 9x5 Color LaserJet M651 Support (U1UJ2E /U1UL2PE: please check availability at country level)

*HP Jetdirect 2700w and HP Jetdirect 2800w cannot be installed at the same time.

Technical specifications

Model	HP Color LaserJet Enterprise M651n	HP Color LaserJet Enterprise M651dn	HP Color LaserJet Enterprise M651xh
Product number	CZ255A	CZ256A	CZ257A
Print speed	Up to 42 ppm black (A4); Up to 42 ppm colour (A4); Up to 38 ipm black duplex (A4); Up to 38 ipm colour duplex (A4)		
First page out time	As fast as 9.0 sec black (A4, ready); As fast as 9.0 sec colour (A4, ready)		
Print resolution	Up to 1200 x 1200 dpi black; Up to 1200 x 1200 dpi colour		
Print technology	Laser		
Print Area	Print margins: Top: 4.3 mm; Bottom: 4.3 mm; Left: 4.3 mm; Right: 4.3 mm; Maximum print area		
Print languages	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, PDF and AirPrint (URF and PDF)		
Mobile printing capability	HP ePrint, Mopria-certified, Optional Wireless Direct printing, Apple AirPrint™, Mobile Apps		
Monthly duty cycle	Up to 120,000 pages (A4), Recommended monthly page volume: 2000 to 17,000		
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		
SureSupply supported	Yes		
Processor speed	800 MHz		
Display	10.9 cm resistive touchscreen WQVGA (480 x 272 resolution) with Home button		
Wireless	Optional, enabled with purchase of hardware accessory (J8021A, J8026A or J8029A)		
Connectivity	Standard: 1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third party connections); 1 Accessory (for Kensington Lock); 1 Ethernet; Optional: HP Jetdirect 2700w USB Wireless Print Server J8026A; HP Jetdirect 2800w NFC & Wireless Direct J8029A; HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A. Please note: HP Jetdirect 2800W (J8029A), HP Jetdirect 2700W (J8026A) and HP Jetdirect ew2500 802.11b/g (J8021A) accessories cannot be installed at the same time.		
Network ready	Standard (built-in Gigabit Ethernet); Included Touch-to-Print and Wireless Direct		
Memory	Standard: 1.5 GB (system memory); Maximum: 1.5 GB (system memory)		
Hard disk	Not available	Not available	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy, preprinted, prepunched, coloured, rough), colour transparency, labels, letterhead, envelope, opaque film		
Paper size	Custom metric: 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 Supported metric: Multipurpose tray: A4; A5; A6; B5 (JIS); B6 (JIS); postcard; Dpostcard; envelopes (C5, B5, C6, DL, ISO); 500-sheet input trays: A4; A5; B5 (JIS)		
Paper handling	Standard input: 500-sheet input tray, 100-sheet multipurpose tray, automatic two-sided printing Standard output: 500-sheet output bin Optional/Input: Optional 2 x 500-sheet with 1,500-sheet HCI-paper feeder/stand	Standard input: 500-sheet input tray, 100-sheet multipurpose tray, automatic two-sided printing Standard output: 500-sheet output bin Optional/Input: Optional 2 x 500-sheet with 1,500-sheet HCI-paper feeder/stand	Standard input: 500-sheet input tray, HCI (2x500/1x1500-sheet Paper Feeder and Stand), 100-sheet multipurpose tray, automatic two-sided printing Standard output: 500-sheet output bin

Model	HP Color LaserJet Enterprise M651n	HP Color LaserJet Enterprise M651dn	HP Color LaserJet Enterprise M651xh
Product number	CZ255A	CZ256A	CZ257A
Input capacity	Tray 1: sheets, paper (75 g/m²): 100; labels, transparencies, cardstock (163 g/m²): 50; cardstock (216 g/m²): 30; envelopes: 10 Tray 2: sheets, paper (75 g/m²): 500; glossy paper (160 g/m²): 300; glossy paper (220 g/m²): 100		
	Tray 3: Optional: sheets, paper (75 g/m²): 500; glossy paper (160 g/m²): 300; glossy paper (220 g/m²): 100	Tray 3: Optional: sheets, paper (75 g/m²): 500; glossy paper (160 g/m²): 300; glossy paper (220 g/m²): 100	Tray 3, 4: sheets, paper (75 g/m²): 500; glossy paper (160 g/m²): 300; glossy paper (220 g/m²): 100; Tray 5: Sheets, paper (75 g/m²): 1500; glossy paper (160 g/m²): 300; glossy paper (220 g/m²): 100
	Maximum: Up to 3100 sheets	Maximum: Up to 3100 sheets	Maximum: Up to 3100 sheets
Output capacity	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparancies Maximum: Up to 500 sheets	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparancies	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparancies
Paper 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)		
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		
What's in the box	HP Color LaserJet Enterprise M651n Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed) (yield ~11,500 pages black, ~15,000 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; Support flyer	HP Color LaserJet Enterprise M651dn Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed) (yield ~11,500 pages black, ~15,000 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Support flyer	HP Color LaserJet Enterprise M651xh Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed) (yield ~11,500 pages black, ~15,000 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; HCI (High Capacity Input); Automatic duplexer (built-in); Support flyer; HP High-performance secure hard disk, minimum 320 GB, AES 256 hardware encryption or greater
Replacement cartridges	HP 652A Black Original LaserJet Toner Cartridge (11,500 yield) CF320A; HP 654X High Yield Black Original LaserJet Toner Cartridge (20,500 yield) CF330X; HP 654A Cyan Original LaserJet Toner Cartridge (15,000 yield) CF331A; HP 654A Yellow Original LaserJet Toner Cartridge (15,000 yield) CF332A; HP 654A Magenta Original LaserJet Toner Cartridge (15,000 yield) CF333A		
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 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; iPrint		
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 v10.6 Snow Leopard, OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Mavericks. For the latest operating system support see: Air Print http://support.apple.com/kb/ht4356, Android Citrix® and Windows Terminal Services (http://www.hp.com/go/upd), HP ePrint Software Driver http://www.hp.com/go/eprintsoftware, Linux (http://www.hplip.net), Novell (http://www.novell.com/iprint), SAP device types http://www.hp.com/go/sap/drivers, SAP Print http://www.hp.com/go/sap/print), UNIX Http://www.hp.com/go/unix, UNIX Jetdirect http://www.hp.com/go/jetdirectunix_software, Unix Model Scripts http://www.hp.com/go/unixmodelscripts		
Minimum system requirements	Windows: 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 http://www.microsoft.com Mac: OS X v10.6 Snow Leopard; OS X v10.7 Lion; OS X v10.8 Mountain Lion; OS X v10.9 Mavericks; 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		
Software included	HP PCL 6 Discrete Printer Driver, Mac Software Link to Web (Mac Installer), Windows Installer		
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 & e-mail (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		
Printer management	HP Web Jetadmin; HP Utility (Mac)		
Control panel	10.9 cm resistive touchscreen WQVGA (480 x 272 resolution) with Home button		
Printer dimensions (W x D x H)	Minimum: 550 x 520 x 455 mm Maximum: 819 x 863 x 521 mm	Minimum: 550 x 520 x 455 mm Maximum: 819 x 863 x 521 mm	Minimum: 660 x 665 x 1000 mm Maximum: 1073 x 1010 x 1073 mm
Package dimensions (W x D x H)	750 x 678 x 597 mm	750 x 678 x 597 mm	760 x 860 x 1373 mm
Printer Weight	39.1 kg	39.1 kg	69.6 kg
Package weight	44.6 kg	44.6 kg	86 kg
Operating environment	Temperature: 10 to 30ºC, Humidity: 30 to 70% RH		
Storage	Temperature: 0 to 35ºC, Humidity: 10 to 90% RH		
Acoustics	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 55 dB(A)		
Power	Requirements: Input Voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) Consumption: 650 watts (printing), 67 watts (ready), 8.5 watts (sleep), 1.9 watts (auto-off/wake on LAN), 0.1 watts (manual-off), 0.1 watts (auto-off/manual-on). Typical Electricity Consumption (TEC): 4.7 kWh/Week. Power supply type: Built-in power supply		
Certifications	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, ICES-003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries; Energy Star qualified; Blue Angel certified.		
	Blue Angel; EPEAT certified	ENERGY STAR 2.0; Blue Angel UZ-171; EPEAT Silver	ENERGY STAR 2.0; Blue Angel UZ-171; EPEAT Silver
Warranty	One-year, next business day, on-site limited warranty. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.		

Footnotes

[1] Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/businessmobileprinting. Wireless direct printing requires purchase of optional module.; [2] Mobile device must support near-field communications–enabled printing. For a list of supported devices, see hp.com/go/businessmobileprinting. Touch-to-print capability requires purchase of optional module.; [3] Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/businessmobileprinting for more details. Mopria-certified devices adhere to a common standard that enables easy mobile printing with little or no setup. ; [4] Supports OS X® Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc. ; [5] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.; [6] Encrypted hard disk is available on the HP Color LaserJet Enterprise M651xh only.; [7] Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M651n and HP Color LaserJet Enterprise M651dn.