

# 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<sup>1</sup>.
- Mobile printing at a touch with Near Field Communications (NFC): enable touch-to-print convenience from mobile devices<sup>2</sup>.
- Easily print from smartphone, tablets, and notebooks at work, home, or on the go; Mopria-certified<sup>3</sup>.
- Print from virtually anywhere with Apple® AirPrint™<sup>4</sup>. Print from your mobile device with built-in print capability or the HP ePrint app and software<sup>5</sup>.

### 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<sup>6</sup>.
- Help protect sensitive business data with advanced security solutions and an encrypted hard disk<sup>6</sup>.

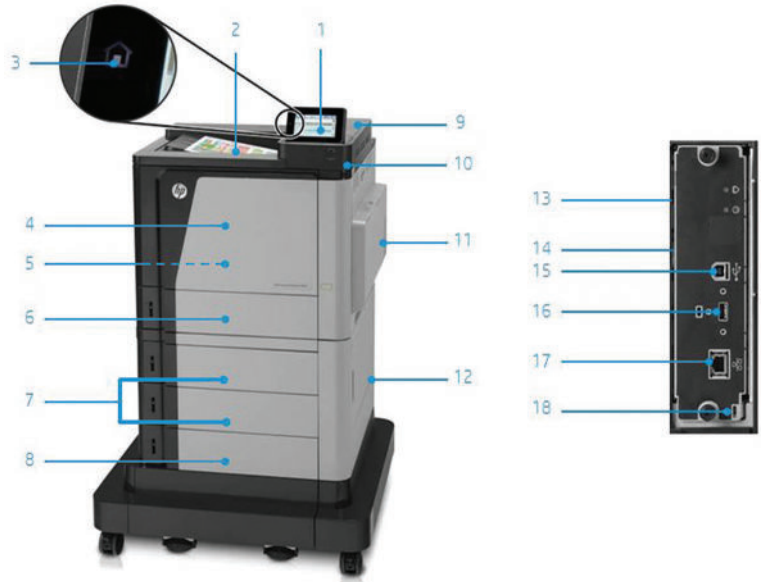
### Achieve high-volume productivity.

- 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<sup>7</sup>.

## 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/m<sup>2</sup>
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
<b>Product number</b>	CZ255A	CZ256A	CZ257A
<b>Automatic two-sided printing</b>	Not available	Yes	Yes
<b>100-sheet multipurpose tray 1</b>	Yes	Yes	Yes
<b>500-sheet tray 2</b>	Yes	Yes	Yes
<b>500-sheet tray 3</b>	Optional	Optional	Not available
<b>500-sheet feeder tray with cabinet</b>	Optional	Optional	Not available
<b>2 x 500-sheet and 1,500-sheet feeder tray and stand</b>	Optional	Optional	Yes
<b>ENERGY STAR® qualified</b>	No	Yes	Yes
<b>HP Secure High Performance Hard Disk</b>	Not available	Not available	Yes

## Accessories, Supplies and Support

<b>Supplies</b>	<b>CF330X</b> HP 654X High Yield Black Original LaserJet Toner Cartridge 20,500 pages
	<b>CF320A</b> HP 652A Black Original LaserJet Toner Cartridge 11,500 pages
	<b>CF331A</b> HP 654A Cyan Original LaserJet Toner Cartridge 15,000 pages
	<b>CF332A</b> HP 654A Yellow Original LaserJet Toner Cartridge 15,000 pages
	<b>CF333A</b> HP 654A Magenta Original LaserJet Toner Cartridge 15,000 pages
	<b>CE246A</b> HP Color LaserJet CE246A 110V Fuser Kit 150,000 pages
	<b>CE247A</b> HP Color LaserJet CE247A 220V Fuser Kit 150,000 pages
	<b>CE249A</b> HP Color LaserJet CE249A Image Transfer Kit 150,000 pages
	<b>CE265A</b> HP 648A Toner Collection Unit 36,000 pages
<b>Accessories</b>	<b>CZ261A</b> HP LaserJet 500-sheet Paper Tray
	<b>CZ262A</b> HP LaserJet 500-sheet Paper Feeder with Cabinet
	<b>CZ263A</b> HP 2x500/1x1500-sheet Paper Feeder and Stand
	<b>CC497A</b> HP LaserJet Postcard Media Insert Tray
<b>Connectivity</b>	<b>J8021A</b> HP Jetdirect ew2500 802.11b/g Wireless Print Server
	<b>J8026A</b> HP Jetdirect 2700w USB Wireless Print Server
	<b>J8029A</b> HP Jetdirect 2800w NFC/Wireless Direct Accessory
<b>Service and support</b>	<b>U1UJ8E</b> HP 3 year Next Business Day with Defective Media Retention Color LaserJet M651 Support
	<b>U1UJ9E</b> HP 4 year Next Business Day with Defective Media Retention Color LaserJet M651 Support
	<b>U1UK0E</b> HP 5 year Next Business Day with Defective Media Retention Color LaserJet M651 Support
	<b>U1UJ2E</b> HP 3 year 4 hour 9x5 Color LaserJet M651 Hardware Support
	<b>U1UL4PE</b> HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M651 Support
	<b>U1UL1PE</b> HP 2 year Post Warranty Next Business Day Color LaserJet M651 Hardware Support
	<b>U1UL2PE</b> 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
<b>Product number</b>	CZ255A	CZ256A	CZ257A
<b>Print speed</b>	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)		
<b>First page out time</b>	As fast as 9.0 sec black (A4, ready); As fast as 9.0 sec colour (A4, ready)		
<b>Print resolution</b>	Up to 1200 x 1200 dpi black; Up to 1200 x 1200 dpi colour		
<b>Print technology</b>	Laser		
<b>Print Area</b>	Print margins: Top: 4.3 mm; Bottom: 4.3 mm; Left: 4.3 mm; Right: 4.3 mm; Maximum print area		
<b>Print languages</b>	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, PDF and AirPrint (URF and PDF)		
<b>Mobile printing capability</b>	HP ePrint, Mopria-certified, Optional Wireless Direct printing, Apple AirPrint™, Mobile Apps		
<b>Monthly duty cycle</b>	Up to 120,000 pages (A4), Recommended monthly page volume: 2000 to 17,000		
<b>Fonts and typefaces</b>	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 <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>		
<b>SureSupply supported</b>	Yes		
<b>Processor speed</b>	800 MHz		
<b>Display</b>	10.9 cm resistive touchscreen WQVGA (480 x 272 resolution) with Home button		
<b>Wireless</b>	Optional, enabled with purchase of hardware accessory (J8021A, J8026A or J8029A)		
<b>Connectivity</b>	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.		
<b>Network ready</b>	Standard (built-in Gigabit Ethernet); Included Touch-to-Print and Wireless Direct		
<b>Memory</b>	Standard: 1.5 GB (system memory); Maximum: 1.5 GB (system memory)		
<b>Hard disk</b>	Not available	Not available	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
<b>Media types</b>	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		
<b>Paper size</b>	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)		
<b>Paper handling</b>	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
<b>Product number</b>	CZ255A	CZ256A	CZ257A
<b>Input capacity</b>	Tray 1: sheets, paper (75 g/m <sup>2</sup> ): 100; labels, transparencies, cardstock (163 g/m <sup>2</sup> ): 50; cardstock (216 g/m <sup>2</sup> ): 30; envelopes: 10 Tray 2: sheets, paper (75 g/m <sup>2</sup> ): 500; glossy paper (160 g/m <sup>2</sup> ): 300; glossy paper (220 g/m <sup>2</sup> ): 100 Tray 3: Optional: sheets, paper (75 g/m <sup>2</sup> ): 500; glossy paper (160 g/m <sup>2</sup> ): 300; glossy paper (220 g/m <sup>2</sup> ): 100 Maximum: Up to 3100 sheets	Tray 3: Optional: sheets, paper (75 g/m <sup>2</sup> ): 500; glossy paper (160 g/m <sup>2</sup> ): 300; glossy paper (220 g/m <sup>2</sup> ): 100 Maximum: Up to 3100 sheets	Tray 3, 4: sheets, paper (75 g/m <sup>2</sup> ): 500; glossy paper (160 g/m <sup>2</sup> ): 300; glossy paper (220 g/m <sup>2</sup> ): 100; Tray 5: Sheets, paper (75 g/m <sup>2</sup> ): 1500; glossy paper (160 g/m <sup>2</sup> ): 300; glossy paper (220 g/m <sup>2</sup> ): 100 Maximum: Up to 3100 sheets
<b>Output capacity</b>	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparencies Maximum: Up to 500 sheets	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparencies	Standard: Up to 500 sheets, Up to 30 envelopes, Up to 100 sheets Transparencies
<b>Paper weight</b>	Multipurpose tray: 60 to 220 g/m <sup>2</sup> , 500-sheet input trays, automatic two-sided printing unit: 60 to 120 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper)		
<b>Standard connectivity</b>	1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third party connections); 1 Accessory (for Kensington Lock); 1 Ethernet		
<b>What's in the box</b>	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; HCl (High Capacity Input); Automatic duplexer (built-in); Support flyer; HP High-performance secure hard disk, minimum 320 GB, AES 256 hardware encryption or greater
<b>Replacement cartridges</b>	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		
<b>Supported network protocols</b>	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		
<b>Compatible operating systems</b>	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 <a href="http://support.apple.com/kb/ht4356">http://support.apple.com/kb/ht4356</a> , Android Citrix® and Windows Terminal Services ( <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a> ), HP ePrint Software Driver <a href="http://www.hp.com/go/eprintssoftware">http://www.hp.com/go/eprintssoftware</a> , Linux ( <a href="http://www.hplip.net">http://www.hplip.net</a> ), Novell ( <a href="http://www.novell.com/iprint">http://www.novell.com/iprint</a> ), SAP device types <a href="http://www.hp.com/go/sap/drivers">http://www.hp.com/go/sap/drivers</a> , SAP Print <a href="http://www.hp.com/go/sap/print">http://www.hp.com/go/sap/print</a> , UNIX <a href="http://www.hp.com/go/unix">http://www.hp.com/go/unix</a> , UNIX Jetdirect <a href="http://www.hp.com/go/jetdirectunix_software">http://www.hp.com/go/jetdirectunix_software</a> , Unix Model Scripts <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a>		
<b>Minimum system requirements</b>	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 <a 3"="" href="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&lt;/a&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;&lt;b&gt;Software included&lt;/b&gt;&lt;/td&gt; &lt;td colspan=">HP PCL 6 Discrete Printer Driver, Mac Software Link to Web (Mac Installer), Windows Installer</a>		
<b>Security management</b>	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		
<b>Printer management</b>	HP Web Jetadmin; HP Utility (Mac)		
<b>Control panel</b>	10.9 cm resistive touchscreen WQVGA (480 x 272 resolution) with Home button		
<b>Printer dimensions (W x D x H)</b>	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
<b>Package dimensions (W x D x H)</b>	750 x 678 x 597 mm		
<b>Printer Weight</b>	39.1 kg		
<b>Package weight</b>	44.6 kg		
<b>Operating environment</b>	Temperature: 10 to 30°C, Humidity: 30 to 70% RH		
<b>Storage</b>	Temperature: 0 to 35°C, Humidity: 10 to 90% RH		
<b>Acoustics</b>	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 55 dB(A)		
<b>Power</b>	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		
<b>Certifications</b>	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		
<b>Warranty</b>	One-year, next business day, on-site limited warranty. Warranty may vary by country as required by law. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.		

## Footnotes

<sup>1</sup> 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](http://hp.com/go/businessmobileprinting). Wireless direct printing requires purchase of optional module.; <sup>2</sup> Mobile device must support near-field communications-enabled printing. For a list of supported devices, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting). Touch-to-print capability requires purchase of optional module.; <sup>3</sup> 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](http://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.; <sup>4</sup> 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.; <sup>5</sup> HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin).; <sup>6</sup> Encrypted hard disk is available on the HP Color LaserJet Enterprise M651xh only.; <sup>7</sup> Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M651n and HP Color LaserJet Enterprise M651dn.



<http://www.hp.com/uk>

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