Data sheet

HP LaserJet Managed MFP E52645 series

Handle business solutions securely, plus help conserve energy with HP JetIntelligence toner.

Choose an HP LaserJet Enterprise MFP designed to handle business solutions securely and efficiently, and helps conserve energy with HP JetIntelligence toner. Keep up with the demands of growing business with a printer you can rely on.



HP LaserJet Managed MFP E52645dn



HP LaserJet Managed Flow MFP E52645c

The world's most secure printing[1]

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.

Low costs, low energy use

- Stay productive with reliable cartridges, and help save energy while printing with HP EcoSmart black toner.[8]
- Spend less time replacing toner, and more on business. Choose optional high-yield toner cartridges.[2]
- Enhanced energy savings —up to 29% over prior products8 plus save with Auto-on/Auto-off technology.[3]
- This MFP fits in tight places to boost performance in almost any workspace.

Your whole fleet. At your control.

- Centralize control of your printing environment with HP Web Jetadmin[4]—and help build business efficiency.
- Gain insights into print costs, behaviors, utilization to drive efficiencies with this cloud-based printer.
- Set security configuration policies and automatically validate settings for every HP printer in your fleet.[5]
- Submit print jobs on the go and securely release them at any HP Roam-enabled office printer, securely.[7]

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages —every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at http://www.hp.com/go/learnaboutsupplies

Product walkaround



Front view
HP LaserJet Managed Flow MFP E52645c

Rear I/O panel closeup

Series at a glance





Model (product number)	MFP E52645dn (1PS54A)	Flow MFP E52645c (1PS55A)
Functions	Print, scan, copy (fax optional) *(both models)*	
Print speed (black)[6]	Up to 43/45 pages per minute (ppm) (A4/letter) *(both models)*	
First page out (from ready)[7]	As fast as 6 seconds (A4/letter) *(both models)*	
250-page ADF with single-pass, two-sided scanning	✓	✓
100-sheet multipurpose tray 1, 550-sheet input tray 2	✓	✓
Optional 550-sheet input tray	Add up to three *(both models)*	
Optional printer cabinet	✓	✓
Input capacity (standard/maximum[8])	Up to 650/2,300 sheets *(both models)*	
Advanced workflow features, including pull-out keyboard and HP EveryPage[1]	Not available	✓
Convenience stapler[4]	Not available	✓
HP High-Performance Secure Hard Disk[5]	Optional	✓
Recommended monthly page volume[9]	4,000 to 15,000 pages	4,000 to 15,000 pages
Managed Cartridge yields	Black: ~23,000 pages[10]	Black: ~23,000 pages[10]
Optional wireless printing[11]/NFC touch-to-print[12]	✓	✓

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.

Choose from:

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):
Next Business Day Onsite Support

4 hour Onsite Support:
Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support:
Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service:
Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service:
Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices



Top features

HP printers have the industry's strongest security[1] because they're always on guard, continually detecting and stopping threats while adapting to new ones. And only HP printers automatically self-heal from attacks, so IT doesn't need to intervene.

Good resource management is good business. Help reduce costs and energy use with an HP LaserJet designed to be more efficient than its predecessors, using HP JetIntelligence toner cartridges. HP, like you, is committed to keeping business moving.

Every business values a problem solver. Help get more control with a robust management system and solutions that keep up with modern business.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 60 ipm[6]—and avoid extra steps with a Flow MFP designed for maximum productivity.

Product

1PS54A	HP LaserJet Managed MFP E52645dn
1PS55A	HP LaserJet Managed Flow MFP E52645c

Accessories

1PV95A	HP Internal USB Ports Qty 100 for M507 and M528
2EH31A	HP MFP Analog Fax Accessory 700
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
5UT59A	HP MFP Analog Fax Accessory 701
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
F2A72A	HP LaserJet 550-sheet Paper Tray
F2A73A	HP LaserJet Printer Cabinet
J8031A	HP Jetdirect 2900nw Print Server
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader

Supplies

W9008MC	HP Black Managed LJ Toner Cartridge (Up to 23,000 pages)

HP Care Packs

UB7D2E	HP 3 year Next Business Day w/DMR Service for LaserJet E52645 Managed
UB7D3E	HP 4 year Next Business Day w/DMR Service for LaserJet E52645 Managed
UB7D4E	HP 5 year Next Business Day w/DMR Service for LaserJet E52645 Managed
UB7D5E	HP 3 year 4 hour 9x5 w/DMR Service for LaserJet E52645 Managed
UB7D6E	HP 4 year 4 hour 9x5 w/DMR Service for LaserJet E52645 Managed
UB7D7E	HP 5 year 4 hour 9x5 w/DMR Service for LaserJet E52645 Managed

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP Imaging and Printing Security Center: hp.com/go/ipsc

HP LaserJet Managed MFP E52645 series

Model	HP LaserJet Managed MFP E52645dn	HP LaserJet Managed Flow MFP E52645c
Product number	1PS54A	1PS55A
Functions	Print, copy, scan and optional fax	
Print		
Duplex print options	Automatic (standard)	
Print speed[16]	**Black (A4, normal):** Up to 43 ppm; **Black (letter, normal):** Up to 45 ppm; **Black (A4, duplex):** Up to 34 ipm; **Black (letter, duplex):** Up to 36 ipm	
First page out[14]	**Black (A4, ready):** As fast as 6 sec; **Black (A4, sleep):** As fast as 13 sec	
Print technology	Laser	
Print resolution	**Black (best)** Up to 1200 x 1200 dpi; **Black (normal)** Up to 600 x 600 dpi; **Black (fine lines)** Up to 1200 x 1200 dpi	
Print resolution technology	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200	
Print cartridges number	1 (black)	
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	
Printer management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver employment Utility - Managed Printing Administrator)	
Scan		
Scan technology	**Type:** Flatbed, ADF; **Technology:** Contact Image Sensor (CIS)	
Scan speed[13]	**Normal (A4):** Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color)	**Normal (A4):** Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (color)
Scan resolution	**Enhanced:** Up to 600 dpi; **Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi	
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; OCR; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR
Color scanning	Yes	
Scan Size	**Flatbed:** 216 x 356 mm; **ADF:** 216 x 864 mm	
Scan input modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OxP) applications	
Scan file format	PDF, JPEG, TIFF, MTIFF, xPS, PDF/A	Digital Send: PDF, JPEG, TIFF, MTIFF, xPS, PDF/A, TExT (OCR), Unicode TExT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, xPS, PDF/A, TExT (OCR), Unicode TExT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
Copy		
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400%); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build	
First copy out	**Black (A4):** As fast as 6.5 sec; **Black (A4, sleep):** As fast as 13 sec; **Black (letter):** As fast as 6.5 sec; **Black (letter, sleep):** As fast as 13 sec	
Copy resolution	**Color (text and graphics):** Up to 600 x 600 dpi	
Max no of copies	Up to 9999 copies	
Copier resize	25 to 400%	
Copier settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; content orientation; collation; booklet; job build; edge-to-edge job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)	
Fax		
Fax speed	Not available	33.6 kbps / 3 sec per page
Fax memory	Not available	**Fax memory (A4):** Up to 500 pages; **Fax memory (letter):** Up to 500 pages
Fax resolution	Not available	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 203 x 98 dpi; **Black and white (fine):** Up to 203 x 196 dpi; **Black photo grayscale:** 300 x 300 dpi (400 x 400 dpi for received faxes only)
Fax Features	Not available	**Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Fax polling supported:** Yes (poll to receive only)
Connectivity		
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket	
Mobile printing capability[6]	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing	
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A	
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); Optional 802.11a/b/g/n wireless networking and second Ethernet port.	
Memory	**Standard:** 1.25 GB (printer); 500 MB (Scanner); **Maximum:** 2.75 GB Max memory, when Accessory DIMM is installed	
Hard disk	16 GB EMMC. The optional 500GB Encrypted Hard Disk(B5L29A) is only for Upgrade and Replacement.	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater). The optional 500GB Encrypted Hard Disk(B5L29A) is only for Upgrade and Replacement.
Processor speed	1.2 GHz	
Duty cycle (monthly)	Up to 150,000 pages; **Recommended monthly page volume[8]:** 4,000 to 15,000	
Paper handling		
Input	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing	
Output	250-sheet output bin	250-sheet output bin, convenience stapler
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined	
Media weight	Tray 1: 60 to 199 g/m²; tray 2+: 60 to 120 g/m²	
Media Sizes Custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2: 105 x 148 to 215.9 x 355.6 mm; Optional 550-sheet Tray: 105 x 148 to 215.9 x 355.6 mm	
Dimensions (w x d x h)	482 x 496 x 497 mm	
Weight	21.41 kg	22.13 kg
What's in the box[2]	HP LaserJet Managed Regulatory flyer (CD replacement); Chile Regulatory flyer (AC8); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; Japan jtr errata (ABJ)	HP LaserJet Managed Flow E52645c Printer; Regulatory flyer (CD replacement); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; Control Panel Overlay Label Sets (Flow); Overlay keyboard (ABJ); Japan jtr errata (ABJ)
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com	
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4G; wty ID A001)	
Systems		
Compatible operating systems[11]	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to http://support.hp.com, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd	
Minimum system requirements	**PC:** 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **Mac:** 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com	

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; 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, ...); Connection Inspector - helps ensure network connections to device are safe, Security management: Compatible with HP JetAdvantage Security Manager, HP Printer Security Plugin for Microsoft SCCM, Device Security Syslog Messages processed and accessable in ArcSight, Splunk, and McAfee(ESM) SIEMs	
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 World Type); 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	
Control panel	8.0-in (20.3 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)	8.0-in (20.3 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Integrated Keyboard
Display	8.0 in (20.3 cm) touchscreen (1024x768) LCD (color graphics); smooth gesture enabled touchscreen	
Power	**Power supply type:** Built-in 115V or 220V Power Supply; **Power supply required:** Input voltage: 100V to 127V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3Hz), 7.5 A; Input voltage: 220V to 240V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 4 A; **Power consumption[4]:** 629 watts (Printing), 28.8 watts (Ready), 5.28 watts (Sleep), 0.74 watts (Auto-Off/Auto-On), LAN connection: 0.06 watts (Auto-Off), 0.06 watts (Off); **Typical Electricity Consumption number[3]:** 1.412 kWh/Week (Energy Star), 1.414 kWh/Week (Blue Angel)	
Acoustics	**Acoustic power emissions[12]:** 6.8 B(A) ; **Acoustic power emissions (ready):** 4.0 B(A) ; **Acoustic pressure emissions bystander (active, printing):** 54 dB(A) ; **Acoustic pressure emissions bystander (ready):** 26 dB(A)	
Environmental ranges	**Operating temperature range:** 10 to 32.5°C ; **Recommended operating temperature:** 15 to 27°C ; **Operating humidity range:** 10 to 80% RH ; **Recommended operating humidity range:** 30 to 70% RH	
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); IEC 62471:2006/EN 62471:2008 (LED lighting); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.	
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, Syslog; Security: SNMPv3, SSL Cert Management, IPSec/Firewall, ACL, 802.1x	

Footnotes

[1] Based on HP review of 2018 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: http://www.hp.com/go/printersecurityclaims
[2] High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately
[3] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
[4] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin
[5] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager
[6] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[7] To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit hp.com/go/roam
[8] HP calculations based on Energy Star normalized TEC data comparing the HP LaserJet 500 series monochrome printers introduced in spring 2019 HP 89A/X/Y compared to HP 87A/X.

Technical specifications disclaimers

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[2] In box cartridge yields 7,500 black pages based on ISO/IWC 19752 and continuous printing. Actual pages may vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies.
[3] With print cartridges
[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. Power consumption values typically based on measurement of 115V device.
[5] 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
[6] To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB.To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit http://hp.com/go/roam
[7] Configuration tested: base model, simplex printing, A4 paper at an average of 43 ppm
[8] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[9] 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.
[10] Best TEC is not applicable to ES 2.0 TEC. This measurement was made with the printer configuration optimized for energy efficiency. Minimum sleep delay was used, Wi-Fi Direct was disabled and Active I/O - Energy Efficient Ethernet - was used.
[11] Solution software available on http://www.123.hp.com
[12] FCC Class A emissions - for use in commercial environments, not residential environments
[13] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software
[14] 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.
[15] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Walkaround Footnotes

[1] Advanced workflow features are available on the Flow MFP E52645c model only and include HP EveryPage, a pull-out keyboard, embedded capture functionality, built-in OCR, plus automatic page orientation, cropping, and tone adjustment.
[2] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. The HP LaserJet Managed MFP E52645 series comes with a second-generation HIP.
[3] An administrator must enable the easy-access USB port before use.
[4] The convenience stapler is only available on the Flow MFP E52645c model.
[5] The encrypted HP High-Performance Secure Hard Disk is optional on the HP LaserJet Managed MFP E52645dn and standard on the HP LaserJet Managed Flow MFP E52645c model.
[6] 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.
[7] Measured using ISO/IEC 17629. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[8] Purchase of optional paper trays required to reach maximum input capacity.
[9] Recommended Monthly Page Volume: 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.
[10] Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsupplies. HP Managed Cartridges are not included in printer purchase; purchase separately.
[11] Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.
[12] Touch-to-print capability requires purchase of the optional HP Jetdirect 3100w BLE/NFC/Wireless Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

To learn more, visit http://www.hp.com

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