HP Color LaserJet Managed MFP E87640du, E87650du, E87660du

The next generation of quality, productivity, and security

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs – to power productivity with a streamlined design that delivers premium colour value, maximum uptime, and the strongest security.[1]

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

Color touchscreen

HP Web Jetadmin

Easy access USB

2-sided printing

Quality laser printing

Big colour, small cost

- Print premium, professional-quality documents with vivid colour images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

Minimal interruptions, maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft® SharePoint, plus email, USB, and network folders.[2]
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast – up to 60 ppm.[3]

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.

Product walkaround

HP Color LaserJet Managed MFP E87660du shown

1. Hardware Integration Pocket (for connecting accessory and third-party devices)

2. Flatbed scanner handles sheets up to A3

3. Easy-access USB port

4. Optional inner finisher supports media sizes up to 28 x 43 cm (A3)

5. Front door access to toner cartridges

6. Automatic two-sided printing

7. HP High-Performance Secure Hard Disk

8. Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Gigabit Ethernet port, Hi-Speed USB 2.0 device port

9. 100 sheet ADF supports media sizes up to A3

10. 20.3 cm (8.0 in) colour touchscreen control panel tilts up for easier viewing

11. Right door (access to the print path)

12. 100 sheet multipurpose tray 1 supports media sizes up to A3

13. 520 sheet tray 2 supports media sizes up to A4

14. 520 sheet tray 3 supports media sizes up to A3

15. Optional 2,000 sheet high-capacity input (HCI) tray supports media sizes up to A4

Series at a glance

Model	HP Color LaserJet Managed MFP E87640du	HP Color LaserJet Managed MFP E87650du	HP Color LaserJet Managed MFP E87660du
Product number	5FM80A or 5CM63A (engine) + 5CM64A (license speed)	5FM81A or 5CM63A (engine) + 5CM65A (license speed)	5FM82A or 5CM63A (engine) + 5CM66A (license speed)
Functions	Print, copy, and scan (optional fax)		
Print speed (A4, black and colour)	Up to 40 ppm	Up to 50 ppm	Up to 60 ppm
Scan speeds (A4, black and colour)	80 ppm/160 ipm, simplex/duplex		
100 sheet ADF with single-pass, two-sided scanning	Yes		
100 sheet multipurpose tray 1, 2 x 520 sheet trays 2, 3	Yes		
Optional input accessories: dual cassette (2 x 520 sheet), cabinet, 2,000 sheet HCI, 3,000 sheet HCI	Yes		
Input capacity (standard/maximum)	1,140/6,140 sheets		
Optional finishing accessories: Inner finisher, Stapler/stacker finisher, Booklet finisher	Yes		
Recommended monthly print volume	Up to 50,000 pages		
Managed Cartridge yields	Black: 54,500 pages; Colour: 52,000 pages		
Advanced workflow features	Send to Microsoft® SharePoint®		
Optional wireless networking/NFC touch-to-print	Yes		

Accessories, Supplies and Support

Supplies	
W9050MC	HP W9050MC Black Managed LaserJet Toner Cartridge (54,500 pages)
W9051MC	HP W9051MC Cyan Managed LaserJet Toner Cartridge (52,000 pages)
W9052MC	HP W9052MC Yellow Managed LaserJet Toner Cartridge (52,000 pages)
W9053MC	HP W9053MC Magenta Managed LaserJet Toner Cartridge (52,000 pages)
W9054MC	HP W9054MC Black Managed LaserJet Imaging Drum (160,000 pages)
W9055MC	HP W9055MC Managed LaserJet Imaging Drum (145,000 pages)
W9058MC	HP W9058MC Managed LaserJet Toner Collection Unit (71,000 pages)

Accessories	
2EH31A	HP MFP Analog Fax Accessory 700
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
Y1F98A	HP LaserJet Dual Cassette Department Feeder
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
Y1G00A	HP LaserJet Inner Finisher
Y1G01A	HP LaserJet Department Job Separator
Y1G03A	HP LaserJet Inner Finisher Hole 2/4 Punch
Y1G04A	HP LaserJet Inner Finisher Swedish Punch
Y1G07A	HP LaserJet Booklet Finisher
Y1G11A	HP LaserJet Hole Punch 2/4 Accessory
Y1G12A	HP LaserJet Hole Punch Swedish Accessory
Y1G13A	HP LaserJet Inner/Booklet Staples
Y1G14A	HP LaserJet Stapler/Stacker Finisher Staples
Y1G16A	HP LaserJet Printer Cabinet
Y1G18A	HP LaserJet Stapler/Stacker Finisher
Y1G20A	HP LaserJet 3000 Sheet HCI Dept Tray
Y1G21A	HP LaserJet 2000-sheet HCI Input Tray
X3D03A	HP Universal USB Proximity Card Reader

Service and Support	
UA5N7E HP Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed **UA5N8E** HP 3 year Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed **UA7A9E** HP 4 year Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed **UA7B0E** HP 5 year Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed **UA7B8PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed **UA7B9PE** HP 2 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87640 MFP Managed	
UA7C4E HP Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed **UA7C5E** HP 3 year Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed **UA7C6E** HP 4 year Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed **UA7C7E** HP 5 year Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed **UA7D5PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed **UA7D6PE** HP 2 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87650 MFP Managed	
UA7E1E HP Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed **UA7E2E** HP 3 year Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed **UA7E3E** HP 4 year Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed **UA7E4E** HP 5 year Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed **UA7F2PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed **UA7F3PE** HP 2 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E87660 MFP Managed	

Technical specifications

Model	HP Color LaserJet Managed MFP E87640du	HP Color LaserJet Managed MFP E87650du	HP Color LaserJet Managed MFP E87660du
Product number	5FM80A or 5CM63A (engine) + 5CM64A (license speed)	5FM81A or 5CM63A (engine) + 5CM65A (license speed)	5FM82A or 5CM63A (engine) + 5CM66A (license speed)
Functions	Print, copy, scan (fax and wireless optional)		
Control panel	20.3 cm (8.0 in) Colour Graphics Display (CGD) with touchscreen; Rotating (adjustable angle) display; Illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket		

Print

Print technology	Laser		
Print speed[1]	**Black (A4, normal)** Up to 40 ppm; **Colour (A4, normal):** Up to 40 ppm; **Black (A4, duplex):** Up to 40 ipm; **Colour (A4, duplex):** Up to 40 ipm; **Black (A3, normal):** Up to 20 ppm; **Colour (A3, normal):** Up to 20 ppm;	**Black (A4, normal)** Up to 50 ppm; **Colour (A4, normal):** Up to 50 ppm; **Black (A4, duplex):** Up to 50 ipm; **Colour (A4, duplex):** Up to 50 ipm; **Black (A3, normal):** Up to 25 ppm; **Colour (A3, normal):** Up to 25 ppm;	**Black (A4, normal)** Up to 60 ppm; **Colour (A4, normal):** Up to 60 ppm; **Black (A4, duplex):** Up to 60 ipm; **Colour (A4, duplex):** Up to 60 ipm; **Black (A3, normal):** Up to 30 ppm; **Colour (A3, normal):** Up to 30 ppm;
First page out[2]	**Black (A4, ready):** As fast as 8.1 sec; **Colour (A4, ready):** As fast as 9.2 sec; **Black (A4, sleep):** As fast as 20 sec; **Colour (A4, sleep):** As fast as 20 sec;	**Black (A4, ready):** As fast as 7.2 sec; **Colour (A4, ready):** As fast as 8.3 sec; **Black (A4, sleep):** As fast as 20 sec; **Colour (A4, sleep):** As fast as 20 sec;	**Black (A4, ready):** As fast as 6.9 sec; **Colour (A4, ready):** As fast as 8.0 sec; **Black (A4, sleep):** As fast as 20 sec; **Colour (A4, sleep):** As fast as 20 sec;
Print resolution	**Black (best):** Up to 1200 x 1200 dpi reduced speed; **Colour (best):** Up to 1200 x 1200 dpi reduced speed;		
Monthly duty cycle	Up to 300,000 pages A4; **Recommended monthly page volume**: Up to 50,000		
Printer smart software features	Quality colour printing for a great value is a smart choice for any business. Produce premium, professional-quality colour documents at a competitive low cost with an HP Color LaserJet MFP built to make your work - and your business - look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast - up to 180ipm - and avoid extra steps with a Flow MFP designed for maximum productivity.		
Standard print languages	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible, Pcl5, GCP compatible, BMP, TIFF		
Fonts and typefaces	95 scalable TrueType fonts		
Print area	**Print margins** Top: 4.2 mm, Bottom: 4.2 mm, Left: 4.2 mm, Right: 4.2 mm; Maximum print area: 311.5 x 448.7 mm		
Duplex printing	Automatic (standard)		

Copy

Copy speed	**Black (A4):** Up to 40 cpm; **Colour (A4):** Up to 40 cpm	**Black (A4):** Up to 50 cpm; **Colour (A4):** Up to 50 cpm	**Black (A4):** Up to 60 cpm; **Colour (A4):** Up to 60 cpm
Copier specifications	Two-sided copying; Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness); Optimised text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; Content orientation; Collation; Booklet; ID scan; Job build; Job storage; Watermark; Stamps; Book mode scans; Erase edges; Automatically detect colour/monochrome; Image preview; **Maximum number of copies**: Up to 9999 copies; **Reduce/Enlarge**: 25 to 400%;		

Scan

Scan speed[3]	**Normal (A4):** Up to 80 ppm/160 ipm (black and white), up to 80 ppm/160 ipm (colour); **Duplex (A4):** Up to 160 ipm (black and white), up to 160 ipm (colour)
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Scanner specifications	**Scanner type:** Flatbed, ADF; **Scan technology**: Platen Scanner CCD Digital-CIS; **Scan input modes**: Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications; **Twain version**: Version 2.1; **Duplex ADF scanning**: Yes; **Scan size maximum (flatbed)**: 297 x 432 mm; **Optical scan resolution**: Up to 600 x 600 dpi
Scanner advanced features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB; Scan-to-SharePoint
Scannable area	**Maximum media size (flatbed)**: 297 x 432 mm; **Minimum media size (ADF)**: 128 x 140 mm **Maximum media size (ADF)**: 297 x 432 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Compact PDF

Fax

Fax[4]	Optional, 33.6 kbps
Fax specifications	**Fax memory**: Up to 500 pages; **Fax resolution**: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Superfine: 203 x 392 dpi or 300 x 300; **Quick dialing**: Up to 1000 numbers (each with 210 destinations);
Processor speed	1.2 GHz

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Connectivity			
Standard	3 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket		
Optional	HP Jetdirect 2900nw Print Server J8031A; HP JetDirect 3100w BLE/NFC/Wireless Accessory 3JN69A		
Wireless	No wireless capabilities standard		
Mobile printing capability[5]	Apple AirPrint™; HP ePrint; Mobile Apps; Wireless Direct Printing		
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		
Hard disk	Two 500 GB Standard, embedded HP High-Performance Secure Hard Disk, total 1000 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk).		
Memory	**Standard**: 7 GB; **Maximum**: 7 GB		
Media handling			
Number of paper trays	**Standard**: 3 ; **Maximum**: 6		
Media types	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-Weight Glossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, Extra Heavy Glossy 131-175g, HP Matte 200g, HP Glossy 200g, Cardstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Colour Transparency, Labels, Envelope, Heavy Envelope, Preprinted, Prepunched, Coloured		
Media size	**Custom (metric)**: Tray 1: 98 x 139.7 to 320 to 457.2 mm; Tray 2: 98 x 139.7 to 297 to 390 mm; Tray 3: 140 x 182 to 320 x 457.2 mm ; **Supported (metric)**: Tray 1: A3, A4, A4R, A5, A5R, A6, SRa3, SRA3, Ra4, B4 (JIS), B5 (JIS), B6 (JIS), Oficio, 8K, 16k, Postcard, Dpostcard (JIS), Envelope B5, Envelope C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, A5R, A6, Ra4, B4 (JIS), B5 (JIS), B6(JIS), Oficio, 8K, 16k, Envelope B5, Envelope C5, Envelope C6, Envelope DL; Tray 3: A3, A4, A4R, A5,A5R, A6, Ra3, Ra4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k ; **ADF**: Oficio; Executive; Statement; Ledger; A3; A4; A4R; A5; B4; B5; B6; 16K; Dpostcard(JIS)		
Media handling	**Standard input**: 100 sheet multi-purpose tray, 2 x 520 sheet input tray, 100 sheet ADF **Standard output**: 500 sheet face-down output bin **Optional input**: Optional 1,140 sheet tray; Optional 2,000 sheet tray; Optional 3,000 sheet tray **ADF**: Standard, 100 sheets		
Media weight	Tray 1, 2, 3: 60 to 300 g/m²; **ADF**: Simplex: 42 to 163 g/m²; Duplex: 50 to 163 g/m²		
Input capacity	**Tray 1**: Sheets: 100; Envelopes: 10 **Tray 2**: Sheets: 520; Envelopes: 40 **Tray 3**: Sheets: 520 **Maximum**: Up to 6,140 sheets **ADF**: Standard, 100 sheets		
Output capacity	**Standard**: Up to 500 sheets Envelopes: Up to 40 envelopes **Maximum**: Up to 3,250 sheets		
Compatible operating systems	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, Novell Clients (32/64-bit), Win 8.1 recommend v5.94+, Win 8 recommend v5.86+ (Stanley using v5.94+), Win 7 recommend v5.82+ (Stanley using v5.92+), Novell iPrint Client v5.4 for Win7/Win8, Mobile OS, iOS, Android, Mac Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14		
Compatible network operating systems	Win Server OS (64-bit), Win10 Server, 2012 R2, 2008 R2 SP1, 2008 R2 Standard Edition Enterprise Edition, 2016 Foundation, Essentials, Standard, Datacenter, App-V 2012 R2 Terminal Services, 2012 R2 Terminal Services, 2012, 2012 Cluster Support, 2012 Terminal Services, 2008 R2 Cluster, 2008 Cluster, Citrix, Windows Server 2012 R2 Terminal Services 64-bit Citrix XenApp 7.5 Citrix XenDesktop 7.0, 7.5, Windows Server 2012 Terminal Services 64-bit Citrix XenApp 7.5 Citrix XenDesktop 7.0, 7.5, Windows Server 2008 R2 SP1 Terminal Services 32/64-bit Citrix XenApp 6.0, 6.5, 7.5 Citrix XenDesktop 5.6, 7.0, 7.5, Windows Server 2008 R2 Terminal Services 32/64-bit Citrix XenApp 6.0, 6.5 Citrix XenDesktop 5.6, Windows Server 2008 Terminal Services 32/64-bit Citrix XenApp 5.0 Citrix XenApp 5.0 Feature Pack 2 & 3, Novell Servers-, Novell Open Enterprise Server 11 / SP1 / SP2, Novell Open Enterprise Server 2 for Linux, NetWare 6.5 SP8, Micro Focus iPrint (Novell iPrint Appliance v1.0, https://www.novell.com/products/iprint), Unix, HPUX 11i, Linux (For more information, see http://www.hplipopensource.com/hplip-web/index.html), Unix (For more information, see http://www.hp.com/go/unixmodelscripts)		
Minimum system requirements	**Windows**: 2 GB available hard disk space, OS hardware requirements see http://www.microsoft.com; **Mac**: 2 GB available hard disk space, OS hardware requirements see http://www.apple.com		
Software included	No software solutions are included in the Box, visit http://www.hp.com		
Security management	Management security: SNMPv3, Web Services over port 7627, SSL/TLS TLS 1.0/1.1/1.2, FIPS 140-2, Certificate Management, Embedded Web Server, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
Printer management	HP Printer Assistant, HP Utility (Mac), 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 Deployment Utility - Managed Printing Administrator)		
Dimensions and weight			
Printer dimensions (W x D x H)	**Minimum** 585 x 764.3 x 883.7 mm; **Maximum**: 1568.7 x 764.3 x 1141.5 mm;		
Package dimensions (W x D x H)	830 x 975 x 1173 mm		
Printer weight	100.9 kg		
Package weight	122.9 kg		
Operating environment	**Temperature**: 15 to 30ºC; **Humidity**: 20 to 80% RH		
Storage conditions	**Temperature**: -10 to 40ºC;		
Acoustics	**Acoustic power emissions**: 6.6 B(A) printing colour simplex using A4 paper at 40 ppm; **Acoustic pressure emissions**: 50 dB(A) printing colour simplex using A4 paper at 40 ppm	**Acoustic power emissions**: 6.7 B(A) printing colour simplex using A4 paper at 50 ppm; **Acoustic pressure emissions**: 52 dB(A) printing colour simplex using A4 paper at 50 ppm	**Acoustic power emissions**: 6.8 B(A) printing colour simplex using A4 paper at 60 ppm; **Acoustic pressure emissions**: 52 dB(A) printing colour simplex using A4 paper at 60 ppm
Power[6]	**Requirements**: Input voltage: 220 to 240V ac (+/- 10%), 50/60 Hz (+/- 3%); **Consumption**: 854 watts (Printing), 65 watts (Ready), 12 watts (Sleep), 0.5 watts (Auto-Off), 0.1 watts (Off); **Typical Electricity Consumption (TEC)**[7]: Blue Angel: 2.702 kWh/Week; Energy Star: 2.683 kWh/Week; **Power supply type**: Internal (Built-in) power supply;	**Requirements**: Input voltage: 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); **Consumption**: 951 watts (Printing), 65 watts (Ready), 12 watts (Sleep), 0.5 watts (Auto-Off), 0.1 watts (Off); **Typical Electricity Consumption (TEC)**[7]: Blue Angel: 3.283 kWh/Week; Energy Star: 3.318 kWh/Week; **Power supply type**: Internal (Built-in) power supply;	**Requirements**: Input voltage: 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); **Consumption**: 1121 watts (Printing), 65 watts (Ready), 12 watts (Sleep), 0.5 watts (Auto-Off), 0.1 watts (Off); **Typical Electricity Consumption (TEC)**[7]: Blue Angel: 3.974 kWh/Week; Energy Star: 3.860 kWh/Week; **Power supply type**: Internal (Built-in) power supply;
Certifications	CISPR 22:2008 (International) - Class A, CISPR 32:2012 (International) - Class A, EN 55032:2012 (EU) - Class A, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU, Issue 6 Class A, other EMC approvals as required by individual countries EPEAT® Gold; ENERGY STAR® qualified **Blue Angel compliant** Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies		
What's in the box	HP Color LaserJet Managed MFP E87640du - Bundle Product 40 ppm; Engine; TCU; Drums; Assy-colour WG nameplate and label; Power cords; Assembly-CD; Hardware install and setup documentation; Support flyers. Does not include toner.	HP Color LaserJet Managed MFP E87650du - Bundle Product 50 ppm; Engine; TCU; Drums; Assy-colour WG nameplate and label; Power cords; Assembly-CD; Hardware install and setup documentation; Support flyers. Does not include toner.	HP Color LaserJet Managed MFP E87660du - Bundle Product 60 ppm; Engine; TCU; Drums; Assy-colour WG nameplate and label; Power cords; Assembly-CD; Hardware install and setup documentation; Support flyers. Does not contain toner.
Warranty	1 Year Parts Only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.		

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 http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims.
[2] Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com.
[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.

Technical specifications disclaimers

[1] 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.
[2] 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.
[3] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[4] Based on standard ITU-T test image at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17.
[5] Optional Wireless Direct and Wireless.
[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] 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.