HP Color LaserJet Managed MFP E77422-E77428 series

Premium color value, maximum uptime, and the strongest security[1] from a streamlined MFP.

HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

HP Color LaserJet Managed MFP E77422dn

HP Color LaserJet Managed MFP E77428dn

Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.

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® Office and SharePoint, plus email, USB, and network folders.[2]

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.

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[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: 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://hpconnected.com.
[3] 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.
[4] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

Product walkaround

1. Hardware Integration Pocket[1] (for connecting accessory and third-party devices)
2. Easy-access USB port[2]
3. 500-sheet output bin
4. Front door (access to toner cartridges and imaging drums)
5. Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Hi-Speed USB 2.0 device port, Gigabit Ethernet port
6. 100-sheet automatic document feeder (ADF) with reverse duplex copying and scanning
7. Flatbed scanner supports media sizes up to 11 x 17 inches (A3)
8. 8.0-inch (20.3 cm) color touchscreen
9. Right door (access to the print path)
10. 100-sheet multipurpose tray 1 supports media sizes up to 11 x 17 inches (A3)
11. Automatic two-sided printing
12. 520-sheet trays 2, 3 support media sizes up to 11 x 17 inches (A3)

Series at a glance

Model	HP Color LaserJet Managed MFP E77422dn	HP Color LaserJet Managed MFP E77428dn
Functions	Print, copy, scan, optional fax (both models)	
Print speed (letter and A4, black and color)[3]	Up to 22 pages per minute (ppm)	Up to 28 ppm
Automatic two-sided printing	√	
Scan speed (black and color)[4]	Simplex: Up to 45/46 ppm (letter/A4) Duplex: Up to 19 images per minute (ipm) (letter and A4)	Simplex: Up to 45/47 ppm (letter/A4) Duplex: Up to 19 images per minute (ipm) (letter and A4)
Scanning	100-sheet ADF with reverse duplex scanning (both models)	
100-sheet multipurpose tray 1, 520-sheet tray 2, 520-sheet tray 3	√	
Optional 2x520-sheet paper tray and stand	√	
Optional 500-sheet inner finisher	√	
Input capacity	1,140/2,180 sheets (standard/maximum[5]) (both models)	
Control panel	8.0-inch (20.3 cm) color touchscreen (both models)	
RMPV[6]	Up to 20,000 pages (both models)	
Managed Cartridge yields[7]	Black: ~25,000 pages; Color: ~20,000 pages (both models)	
Optional wireless networking[8]/NFC touch-to-print/BLE[9]	√	

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
[2] An administrator must enable the easy-access USB port before use.
[3] 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.
[4] Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[5] Selection of optional paper-handling accessories required to reach maximum input capacity.
[6] Recommended Monthly Page Volume (RMPV): 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.
[7] Average black declared yields based on ISO/IEC 19752 and continuous printing. Average color composite (C/M/Y) declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. HP Managed Cartridges are not included in printer purchase; purchase separately. For details, see hp.com/go/learnaboutsupplies.
[8] The E77422/28 series models can add wireless networking with selection of the optional HP Jetdirect 2900nw Print Server (J8031A). If selected, you cannot also select the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.
[9] Bluetooth® and NFC touch-to-print capabilities are optional and can be added to the E77422/28 series models by selecting the optional HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A). Mobile device must support Near-Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc:

Top features

Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color 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.

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.

Accessories

2EH31A	HP MFP Analog Fax Accessory 700
2MU47A	HP Accessibility Assistant
2NR12A	HP Removable Hard Drive Enclosure
2TD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
J8031A	HP Jetdirect 2900nw Print Server
X3D03A	HP Universal USB Proximity Card Reader
Y1F97A	HP LaserJet Dual Cassette Workgroup Feeder
Y1G00A	HP LaserJet Inner Finisher
Y1G02A	HP LaserJet Inner Finisher Hole 2/3 Punch
4QL32A	HP Legic Secure USB Reader
Y7C05A	HP HIP2 Keystroke Reader
Y1G23A	HP LaserJet Second Exit Accessory
Y1G13A	HP LaserJet Inner/Booklet Staples
Y1G15A	HP LaserJet Workgroup Job Separator
Y1G17A	HP LaserJet Printer Cabinet
Y1G22A	HP LaserJet Paper Tray Heaters Accessory
5YP34A	HP LaserJet Hard Disk Drive **(Available at June 2019)**

Supplies

W9100MC	HP Black Managed LJ Toner Cartridge (ISO Yield 25,000)
W9101MC	HP Cyan Managed LJ Toner Cartridge (ISO Yield 20,000)
W9102MC	HP Yellow Managed LJ Toner Cartridge (ISO Yield 20,000)
W9103MC	HP Magenta Managed LJ Toner Cartridge (ISO Yield 20,000)
W9044MC	HP Managed LJ Imaging Drum (135,000 pages)
W9048MC	HP Managed LJ Waste Container (33,700 pages)

Services

UB4R3E	HP 3 Year Next Business Day Onsite Service
UB4R4E	HP 4 Year Next Business Day Onsite Service
UB4R5E	HP 5 Year Next Business Day Onsite Service

HP Color LaserJet Managed MFP E77422-E77428 series

Model	HP Color LaserJet Managed MFP E77422dn	HP Color LaserJet Managed MFP E77428dn
AIO functions	Print, Copy, Scan (fax and wireless optional)	
Print		
Print speed	**Letter:** Up to 22 ppm Black; Up to 22 ppm Color; **First page out black:** As fast as 9.6 sec; **First Page Out Color:** As fast as 11.7 sec	**Letter:** Up to 28 ppm Black; Up to 28 ppm Color; **First page out black:** As fast as 8.4 sec; **First Page Out Color:** As fast as 10.6 sec
Print resolution	**Black (best)** Up to 1200 x 1200 dpi reduced speed; **Black (normal)** Up to 600 x 600 dpi **Color (best):** Up to 1200 x 1200 dpi reduced speed	
Print technology	Laser; **Print resolution technology:** Normal (600 x 600 4 bit); Best (1200 x 1200 1 bit)	
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	
Standard print languages	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	
Printer smart software features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color 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.	
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 Deployment Utility - Managed Printing Administrator)	
Scan		
Scan type / Technology	**Type:** Flatbed, ADF; **Technology:** Platen Scanner (CCD)	
Scan resolution	**Hardware:** UP to 600 x 600 dpi; **Optical:** UP to 600 x 600 dpi	
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	
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	
Scan Size	**ADF:** 11.7 x 17.2 in Maximum; 5.5 x 8.5 in Minimum; **Flatbed:** Up to 46 ipm	
Scan speed	Up to 46 ipm **Duplex:** Up to 19 ipm	
Scanner advanced features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB; Scan-to-SharePoint	
Bit depth / Grayscale levels	24-bit / 256	
Digital sending standard features	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 Color Sense; Compact PDF; Auto Straighten	
Copy		
Copy speed	**Black (ISO):** Up to 22 cpm; **Color (ISO):** Up to 22 cpm	**Black (ISO):** Up to 28 cpm; **Color (ISO):** Up to 28 cpm
Copy resolution	**Color (text and graphics):** Up to 600 x 600 dpi	
Maximum Number of Copies	Up to 9999 copies	
Copier resize	25 to 400%	
Copier settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview	
Fax		
Fax speed	**Up to:** 33.6 kbps / **Letter:** 3 sec per page	
Fax resolution	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 203 x 98 dpi	
Fax Features	**Fax memory:** Up to 500 pages; **Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Fax phone TAM interface supported:** No; **Fax polling supported:** Yes (poll to receive only); **Fax telephone mode supported:** No; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Remote retrieval capability supported:** No; **Telephone handset supported:** No	
Connectivity		
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	
Network capabilities	Standard (built-in) Gigabit 10/100/1000T Ethernet	
Wireless capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the accessories section, above.	
Mobile printing capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; PrinterOn Print	
Memory	**Standard:** 4.25 GB (Formatter 1.25 GB + ECB 3 GB); **Maximum:** 6.25 GB (Std. Memory + Opt. 2 GB)	
Processor speed	1.2 GHz / **Hard disk:** Standard two 16 GB encrypted eMMCs (one is located on formatter board for stored jobs and solutions. Another one is located on ECB for copy/scan function); Optional HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk), Optional 500 GB Hard Disk (located on ECB for copy/scan functions). ECB: Engine Controller Board	
Duty cycle (monthly)	**Letter:** Up to 80,000 pages; **Recommended monthly page volume:** Up to 20,000	
Paper handling		
Input	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 100 sheet ADF; Up to 1140 sheets (75 gsm) (MP Tray: up to 100 sheets; Tray 2 & 3: up to 520 sheets) Standard; Up to 10 envelopes	
Output	500 sheet face-down output bin; Up to 500 sheets Standard	
Duplex Options	Automatic (standard)	
Auto document feeder capacity	Standard, 100 sheets	
Envelope feeder	No	
Standard paper trays	3	
Media types	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, Mid-Weight 96-110g, Heavy 111-130g, HP Matte 150g, Extra Heavy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	
Media weight	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond	
Media sizes	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 4 x 6, 5 x 7, 5 x 8,10 x 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 8k, 16k	
Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.69 x 17 in	
Dimensions (w x d x h)	22.3 x 28.6 x 34.3 in; **Maximum:** 36.8 x 43.8 x 49.7 in	
Weight	182.8 lb	
What's in the box[1]	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Hardware install and setup documentation; Support flyers	
Warranty features	90 day 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.	
Energy efficiency compliance	ENERGY STAR® qualified; EPEAT® Silver; CECP; Blue Angel	
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; tilting (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket	
Display	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com	
Fonts and typefaces	84 scalable TrueType fonts	
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, 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	
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Upto Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://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	
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); **Power consumption**[8]: 760 watts (printing), 34 watts (ready), 0.9 watts (sleep), 0.01 watts (auto-off), 0.01 watts (off)	
Acoustics	**Acoustic power emissions**[4]: 6.4 B(A), printing color simplex A4 at 22 ppm	**Acoustic power emissions**[4]: 6.5 B(A), printing color simplex A4 at 28 ppm
Operating environment	**Operating temperature range:** 15 to 30°C ; **Recommended operating temperature:** 15 to 30°C ; **Storage temperature range:** -10 to 40°C ; **Operating humidity range:** 20 to 80% RH ; **Recommended operating humidity range:** 20 to 80% RH	
Security management	Management security: SNMPv3, SSL/TLS, 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	

[1] No, please purchase USB cable separately (EMEA, Americas, AP) (Service Technician must install units).

[2] Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details, see http://www.hp.com/go/learnaboutsupplies

[4] Acoustic power of active scan/copy will be updated after review scan acoustic data.

[5] Maximum Memory can be expanded to 6.25 GB (System memory) by adding optional memory module. 2 GB Memory DIMM Kit (E5K49A) can be purchased separately.

[6] HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit http://www.hp.com/go/SureSupply

[7] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

[8] 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 typicallty based on measurement of 115 V device.

[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 115 V device.

[10] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

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