HP Color LaserJet Managed Flow MFP E87650z

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 color value, maximum uptime, and the strongest security.[1]

Print Speed: Letter: Up to 50 ppm black; Up to 50 ppm color; First Page Out: As fast as 7.3 sec black; As fast as 8.4 sec color
Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed
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; 1 Fax modem port **Standard Memory:** Standard: 7 GB; Maximum: 7 GB
Mobile Printing Capability: Yes
Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin
Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)

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.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

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 365 and 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 50 ppm.[3]

The world's most secure printing[1]

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.[4]
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

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 250 pages into the automatic document feeder for fast, unattended scanning.

[1] Based on HP review of 2016 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. [4] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity [5] 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.

HP Color LaserJet Managed Flow MFP E87650z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes
Print Speed	**Letter:** Up to 50 ppm black; Up to 50 ppm color; **First Page Out:** As fast as 7.3 sec black; As fast as 8.4 sec color[2]
Print Resolution	**Black (best):** Up to 1200 x 1200 dpi reduced speed; **Color (best):** Up to 1200 x 1200 dpi reduced speed
Print Technology	Laser
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Standard Print languages	HP PCL 6, HP PCL 5c, 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. Complete high-volume scan jobs fast—up to 180 ipm[11]—and avoid extra steps with a Flow MFP designed for maximum productivity.
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS
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, 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)
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 x 17 in Maximum; 4.3 x 5.5 in Minimum; **Flatbed:** 11 x 17 in
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color)[8]**Duplex:** Up to 240 ipm (b&w), up to 240 ipm (color)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB
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; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page
Copy Speed	**Black (letter):** Up to 50 cpm; **Color (letter):** Up to 50 cpm
Copy Resolution	**Black (text and graphics):** Up to 600 x 600 dpi; Up to 600 x 600 dpi; **Color (text and graphics):** Up to 600 x 600 dpi
Maximum Number Of Copies	Up to 999 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; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview
Fax Speed	**Up to** 33.6 kbps; **Letter:** 3 sec per page[1]
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
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; 1 Fax modem port
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)
Network Ready	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 connectivity section, above.
Mobile Printing Capability	Yes[3]
Memory	**Standard:** 7 GB; **Maximum:** 7 GB
Processor Speed	1.2 GHz / **Hard disk:** Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.
Duty Cycle	**Monthly, letter:** Up to 300,000 pages
Recommended Monthly Page Volume	Up to 45,000
Media Types Supported	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-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored
Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 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 8,10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in
Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; **Duplex Options:** Automatic (standard); **Auto Document Feeder Capacity:** Standard, 250 sheets; **Envelope Feeder:** No; **Standard Paper Trays:** 3; **Input Capacities:** Up to 520 sheets; **Output Capacities:** Up to 500 sheets; Up to 40 envelopes
What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC[7]
Product Dimensions	**W x D x H:** 23 x 30.3 x 36.7 in; **Maximum:** 47 x 66 x 30.5 in
Product Weight	290.2 lb
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; Blue Angel; EPEAT silver
Control Panel	8.0-in (20.3 cm) Color 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; Extended Keyboard
Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Fonts and Typefaces	84 scalable TrueType fonts
Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Compatible Network Operating Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenApp 6.0/6.5/7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Citrix XenApp 7.5, [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5 , [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Citrix XenDesktop 7.0/7.5, [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit] Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Minimum System Requirements	**PC:** 2 GB available hard disk space; OS hardware requirements see microsoft.com; **MAC:** 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Power	**Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); [5]
Acoustics	**Acoustic Power Emissions:** 6.6 B(A) printing color simplex using A4 paper at 50 ppm; **Acoustic Pressure Emissions:** 50 dB(A) printing color simplex using A4 paper at 50 ppm
Operating Environment	**Operating Temperature Range:** 59 to 86ºF; **Recommended Temperature:** 59 to 86ºF; **Storage Temperature Range:** 14 to 104ºF; **Non-operating Humidity Range:** 10 to 80% RH; **Operating Humidity Range:** 20 to 80% RH; **Recommended Humidity Operating 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
Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
HP Service and Support Options	U9LS7E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LS8E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LS9E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT0E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT1E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT2E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed

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