HP Color LaserJet Managed MFP E87640dn – Speed 40 ppm

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 40 ppm black; Up to 40 ppm color; First Page Out: As fast as 8.2 sec black; As fast as 9.3 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® 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 40 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.

HP Color LaserJet Managed MFP E87640dn - Speed 40 ppm Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes
Print Speed	**Letter**: Up to 40 ppm black; Up to 40 ppm color **First Page Out**: As fast as 8.2 sec black; As fast as 9.3 sec color[2]
Duplex Print Speed	**Letter**: Up to 40 ipm
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 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	HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP Web Jetadmin Software, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver
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; 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 in Maximum; 4.3 x 5.5 in Minimum; **Flatbed**: 11.7 x 17 in
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color)[8]**Duplex**: Up to 180 ipm (b&w), up to 180 ipm (color)
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 Speed	**Black (letter)**: Up to 40 cpm; **Color (letter)**: Up to 40 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 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; 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
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 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). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.
Duty Cycle	**Monthly, letter**: Up to 300,000 pages
Recommended Monthly Page Volume	Up to 40,000
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, 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 1,140 sheets; **Output Capacities**: Up to 500 sheets; Up to 40 envelopes
What's in the box	**X3A87A** 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 30.9 x 36.7 in; **Maximum**: 64.8 x 30.9 x 46.8 in
Product Weight	249.3 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® qualified; EPEAT® Silver; CECP
Control Panel	9.0-in (22.8 cm) functional touchscreen with 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
Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Software Included	No software solutions are included in the Box, only on hp.com
Fonts and Typefaces	84 scalable TrueType fonts
Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0-8.6), Linux Fedora (22-24), Linux Mint (17-17.3) 18, Linux Red Hat Enterprise (6 & 7), Linux SUSE (13.2 & 42.1), Linux Ubuntu (12.04 & 14.04 & 15.1 & 16.04 & 16.10), MacOS 10.12 Sierra, MacOS 10.13 High Sierra, MacOS 10.14 Mojave, Microsoft Windows 7 SP1- Starter- Home Premium- Professional- Enterprise- and Ultimate- 32-bit and 64-bit, UNIX, Windows 10 Pro & Enterprise 32- & 64-bit editions (excluding RT OS for Tablets), Windows 8/8.1 Pro & Enterprise 32- & 64-bit editions (excluding RT OS for Tablets)
Compatible Network Operating Systems	Citrix Microsoft Windows Server 2012, Citrix Microsoft Windows Server 2012 R2, Citrix Microsoft Windows Server 2016, Citrix XenApp 6.0, Citrix XenApp 6.5, Citrix XenApp and XenDesktop 7.x (7.5 supports Windows Server 2008 R2 SP1 operating system.), Citrix XenServer 6.x+, Microsoft Windows Server 2012 R2 on Hyper-V, Microsoft Windows Server 2008 R2 SP1 on Hyper-V, Microsoft Windows Server 2008 R2 SP1 Datacenter Enterprise and Standard Edition, Microsoft Windows Server 2008 R2 SP1 Edition, Microsoft Windows Server 2012 R2 Datacenter Enterprise and Standard Edition, Microsoft Windows Server 2012 Datacenter Enterprise and Standard Edition, Microsoft Windows Server 2016 Foundation Essentials Standard Datacenter, NetWare 6.5 SP8, Novell iPrint appliance Server Platforms supported, Novell iPrint Appliance v1.1, Novell iPrint Clients supported (recommend iPrint v5.94 or newer for all Windows Platforms), Novell Open Enterprise Server 11 / SP1, Services Terminal Server Cluster Server, VMware ESX 4.x+ Workstation 9.x+, Windows 7 SPI (32-bit / 64-bit) recommend iPrint Client v5.99+, Windows 8 (32-bit / 64-bit) recommend iPrint Client v5.99+, Windows 8.1 (32-bit / 64-bit) recommend iPrint Client v5.99+, XEN on SUSE Linux Enterprise Server (SLES) 11 / SP3
Minimum System Requirements	**PC**: 2 GB available hard disk space; OS hardware requirements see microsoft.com; **MAC**: 2 GB available hard disk space, OS hardware requirements see apple.com
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%); **Power Consumption**: 854 watts (printing), 65 watts (ready), 12 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)[5]
Acoustics	**Acoustic Power Emissions**: 6.5 B(A) printing color simplex using A4 paper at 40 ppm; **Acoustic Pressure Emissions**: 49 dB(A) printing color simplex using A4 paper at 40 ppm
Operating Environment	**Operating Temperature Range**: 59 to 86ºF; **Recommended Operating 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 MFP Analog Fax Accessory 700 2EH31A, HP Accessibility Assistant 2MU47A, HP Removable Hard Drive Enclosure 2NR12A, HP Accessibility Kit 2TD64A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, HP Internal USB Ports B5L28A, HP High-Performance Secure Hard Disk B5L29A, HP Foreign Interface Harness B5L31A, HP LaserJet MFP Analog Fax Accessory 500 CC487A, HP SmartCard NIPRNet Solution for US Government CC543B, HP SmartCard SIPRNet Solution for US Government F8B30A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A, HP LaserJet Dual Cassette Department Feeder Y1F98A, HP LaserJet Inner Finisher Y1G00A, HP LaserJet Department Job Separator Y1G01A, HP LaserJet Inner Finisher Hole 2/3 Punch Y1G02A, HP LaserJet Booklet Finisher Y1G07A, HP Punch 2/3 Hole Unit Y1G10A, HP LaserJet Inner/Booklet Staples Y1G13A, HP LaserJet Stapler/Stacker Finisher Staples Y1G14A, HP LaserJet Printer Cabinet Y1G16A, HP LaserJet Stapler/Stacker Finisher Y1G18A, HP LaserJet 3000 Sheet HCI Dept Tray Y1G20A, HP LaserJet 2000-sheet HCI Input Tray Y1G21A
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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