



# HP LaserJet Managed Flow MFP E82540z - Speed 40 ppm

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.<sup>1</sup>



**Print Speed:** Up to 40 ppm black; First Page Out: As fast as 7.5 sec black  
**Print Resolution:** Black (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)

## High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.<sup>3</sup>

## The world's most secure printing<sup>1</sup>

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.<sup>4</sup>
- 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.



<sup>1</sup> 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> <sup>2</sup> 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> <sup>3</sup> 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. <sup>4</sup> 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/printersecurity> <sup>5</sup> 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 LaserJet Managed Flow MFP E82540z - Speed 40 ppm Specifications Table

<b>Functions / Multitasking Supported</b>	Print, Copy, Scan (fax and wireless optional) / Yes
<b>Print Speed</b>	<b>Letter:</b> Up to 40 ppm black; <b>First Page Out:</b> As fast as 7.5 sec black; <sup>2</sup>
<b>Duplex Print Speed</b>	<b>Letter:</b> Up to 40 ipm
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 dpi reduced speed
<b>Print Technology</b>	Laser
<b>Print Cartridges Number</b>	1 (1 black cartridge)
<b>Standard Print languages</b>	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible
<b>Printer Smart Software Features</b>	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. <sup>1</sup> Quality printing for a great value is a smart choice for any business. Produce premium, professional-quality documents at a competitive low cost with an HP 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 your people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm <sup>10</sup> —and avoid extra steps with a Flow MFP designed for maximum productivity.
<b>Printer Management</b>	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
<b>Scan Type/Technology</b>	Flatbed, ADF / Platen Scanner CCD Digital-CIS
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 x 600 dpi
<b>Scan File Format</b>	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)
<b>Scan Input Modes</b>	Front panel applications; Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications
<b>Scan Size</b>	<b>ADF:</b> 11.7 x 17 in Maximum; 4.3 x 5.5 in Minimum; <b>Flatbed:</b> 11 x 17 in
<b>Scan Speed</b>	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) <b>Duplex:</b> Up to 240 ipm (b&w), up to 240 ipm (color)
<b>Scanner Advanced Features</b>	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB; Scan-to-SharePoint
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital Sending Standard Features</b>	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; OCR
<b>Copy Speed</b>	<b>Black (letter):</b> Up to 40 cpm
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> Up to 1200 x 1200 dpi reduced speed; <b>Up to 1200 x 1200 dpi reduced speed; Color (text and graphics):</b> Up to 1200 x 1200 dpi reduced speed
<b>Maximum Number Of Copies</b>	Up to 9999 copies
<b>Copier Resize</b>	25 to 400%
<b>Copier Settings</b>	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
<b>Fax Speed</b>	<b>Up to:</b> 33.6 kbps; <b>Letter:</b> 3 sec per page <sup>1</sup>
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 500 pages; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> No; <b>Distinctive Ring Detection Supported:</b> No; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> No; <b>Fax Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> No; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 1000 numbers (each with 210 destinations); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
<b>Standard Connectivity</b>	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
<b>Network Capabilities</b>	Standard (built-in Gigabit 10/100/1000T Ethernet)
<b>Network Ready</b>	Standard (built-in Gigabit 10/100/1000T Ethernet)
<b>Wireless Capability</b>	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.
<b>Mobile Printing Capability</b>	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 WIA-10 IPsec Configuration using IPsec Plug-in <sup>3</sup>
<b>Memory</b>	<b>Standard:</b> 7 GB; <b>Maximum:</b> 7 GB
<b>Processor Speed</b>	1.2 GHz / <b>Hard disk:</b> 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.
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 300,000 pages
<b>Recommended Monthly Page Volume</b>	Up to 100,000
<b>Media Types Supported</b>	Plain, HP EcoEFFICIENT, 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 111-140g, Mid-WeightGlossy 96-110g, Hv Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, Mid-WeightGlossy 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
<b>Media Weight Supported</b>	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)

<b>Media Sizes Supported</b>	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
<b>Media Sizes Custom</b>	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
<b>Paper Handling</b>	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 250 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays 3:</b> <b>Input Capacities:</b> Up to 520 sheets; <b>Output Capacities:</b> Up to 500 sheets; Up to 40 envelopes
<b>What's in the box</b>	<b>X3A68A</b> 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 <sup>10</sup>
<b>Replacement Cartridges</b>	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014M <sup>C5</sup>
<b>Product Dimensions</b>	<b>W x D x H:</b> 23.3 x 30.3 x 36.7 in; <b>Maximum:</b> 64.8 x 30.9 x 46.8 in
<b>Product Weight</b>	210.8 lb
<b>Warranty Features</b>	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified; EPEAT® Silver; CEECP
<b>Control Panel</b>	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; Pull-out Keyboard
<b>Display Description</b>	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
<b>Software Included</b>	No software solutions are included in the Box, only on hp.com
<b>Fonts and Typefaces</b>	84 scalable TrueType fonts
<b>Compatible Operating Systems</b>	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)
<b>Compatible Network Operating Systems</b>	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 v.1.1, Novell iPrint Clients supported (recommended 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 SP1 (32-bit / 64-bit) recommended iPrint Client v5.99+, Windows 8 (32-bit / 64-bit) recommended iPrint Client v5.99+, XEN on SUSE Linux Enterprise Server (SLES) 11 / SP3
<b>Minimum System Requirements</b>	<b>PC:</b> 2 GB available hard disk space, OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>MAC:</b> 2 GB available hard disk space, OS hardware requirements see <a href="http://apple.com">apple.com</a>
<b>Power</b>	<b>Power Supply Type:</b> Internal (Built-in) power supply; <b>Power Requirements:</b> Input voltage: 110 to 127VAC (+/- 10%), 220 to 240VAC (+/- 10%), 50/60 Hz (+/- 3%); <b>Power Consumption:</b> 867 watts (printing), 65 watts (ready), 111 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; <b>Acoustic Pressure Emissions:</b> 50 dB(A) printing mono simplex using A4 paper at 40 ppm
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 86°F; <b>Recommended Operating Temperature:</b> 59 to 86°F; <b>Storage Temperature Range:</b> 14 to 104°F; <b>Non-Operating Humidity Range:</b> 10 to 80% RH; <b>Operating Humidity Range:</b> 20 to 80% RH; <b>Recommended Humidity Operating Range:</b> 20 to 80% RH
<b>Security Management</b>	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 WIA-10 IPsec Configuration using IPsec Plug-in
<b>Accessories</b>	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 BSL28A, HP High-Performance Secure Hard Disk BSL29A, HP Foreign Interface Harness BSL31A, HP LaserJet MFP Analog Fax Accessory 500 CC487A, HP SmartCard NIPRNet Solution for US Government CS43B, 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 Pinner/Y1G02A, HP LaserJet Booklet Finisher Y1G04, 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 LaserJet Paper Tray Heaters Accessory Y1G22A
<b>HP Service and Support Options</b>	U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR1E - HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR3E - HP 5 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR4E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR5E - HP 4 year 9x5 Service w/Defective Media Retention for LaserJet E825xx MFP Managed

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<sup>1</sup> Based on standard ITU-T test image #1 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. <sup>2</sup> 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. <sup>3</sup> Optional Wireless Direct and Wireless. <sup>4</sup> 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>. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>5</sup> 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. <sup>6</sup> Average color composite black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>7</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>8</sup> 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. <sup>9</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>10</sup> No, please purchase USB cable separately (EMEA, Americas; AP). Service Technician must install units

