

HP Color LaserJet Enterprise MFP M681, M682 series



The pinnacle of performance and security



HP Color LaserJet Enterprise MFP M681dh
HP Color LaserJet Enterprise Flow MFP M682z



Protect, detect, and recover—automatically, with the industry's deepest security¹



Speed through tasks with an MFP that prints two-sided documents as quickly as one-sided documents—up to 56 ppm²



Complete high-volume scan jobs fast—up to 167 ipm—and avoid extra steps with a Flow MFP designed for maximum productivity³



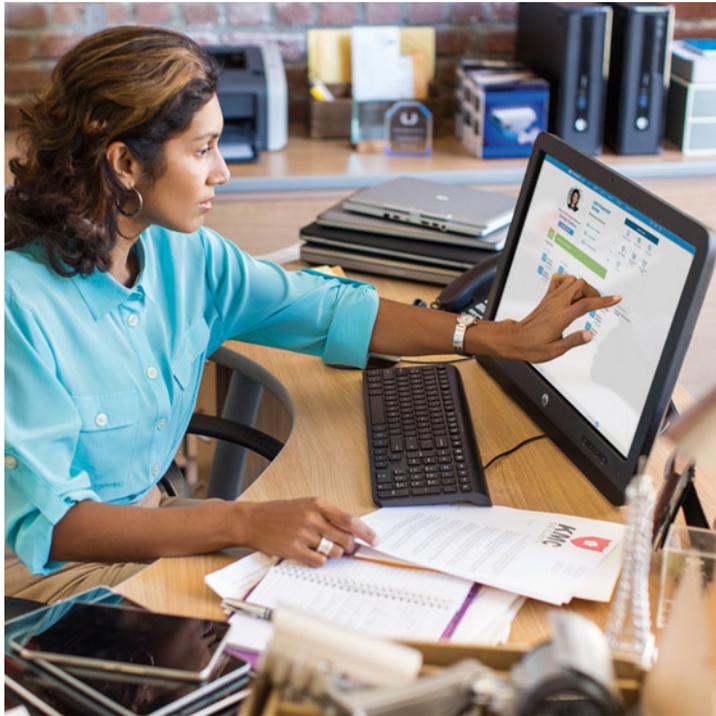
Use exceptionally low amounts of energy with an innovative design and Original HP Toner cartridges with JetIntelligence⁴



Centralise control of your printing environment with HP Web Jetadmin;⁵ add optional HP JetAdvantage Security Manager⁶ to set policy-based security settings and validate across the fleet

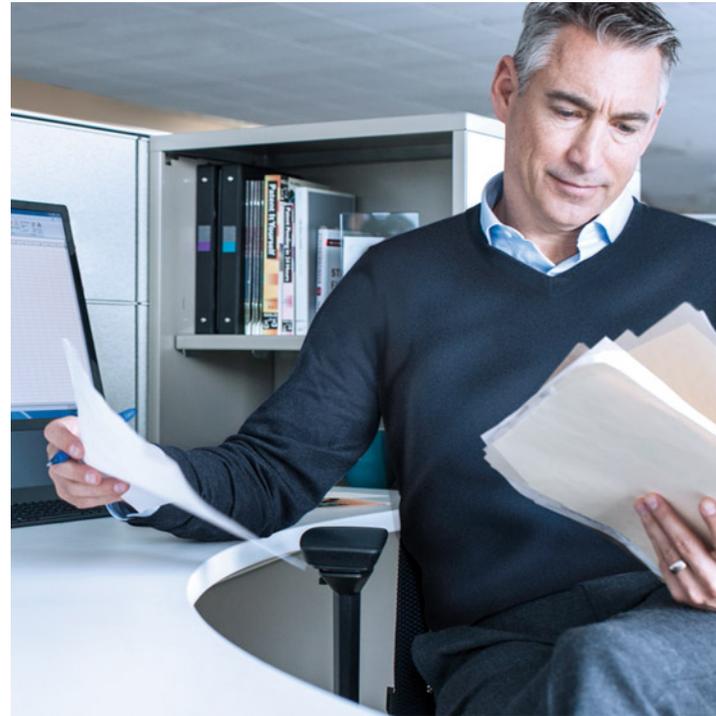
HP Color LaserJet Enterprise MFP M681, M682 series

Top three reasons to buy



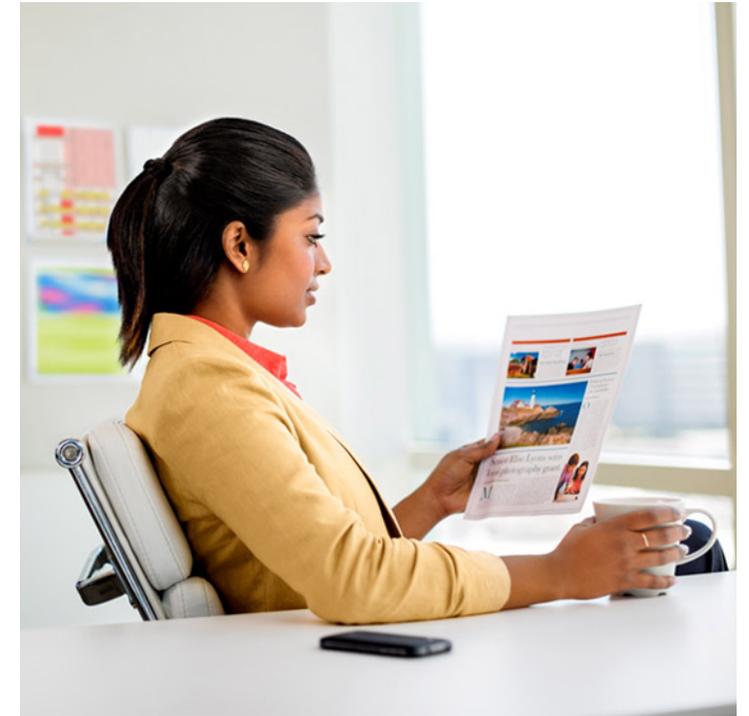
The world's most secure printing¹

Only HP enterprise printers repair themselves from attacks in real time¹—automatically monitor threats, detect intrusions, and validate operating software.



High-speed performance

Equip employees to speed through tasks with fast FPO times, up to 100% duplex efficiency, and A5 print speeds up to 74 ppm (landscape).² This MFP's exceptionally low energy consumption³ saves resources without sacrificing performance.



More. Pages, Performance, and Protection.

Get more pages and help protect your MFP, using Original HP Toner cartridges with JetIntelligence—up to 39% more pages per cartridge than predecessors.⁴

HP Color LaserJet Enterprise MFP M681, M682 series

Target audience

Enterprise, public sector, SMB, and remote enterprise that need to digitise workflow and produce professional colour prints

- Workgroups of 10 to 30 users
- Recommended monthly page volume:¹
M681 series: 2,000 to 14,000 pages; M682z: 3,000 to 17,000 pages

Needs



- Enterprise-level security, manageability, and extensibility
- Professional-quality colour prints
- Reliable performance with minimal intervention
- Advanced scanning capabilities
- Intuitive colour touchscreen
- Flexible paper-handling options
- High-yield cartridges
- Low power consumption
- MFP that wakes up quickly from energy-saving sleep mode
- Investment protection with streamlined firmware updates
- Secure mobility options



HP Color LaserJet Enterprise MFP M681, M682 series

What's new



HP CLJ Enterprise
Flow MFP M682z



HP CLJ Enterprise
Flow MFP M680z

		Benefits
Print speed (black and colour): up to 56 ppm, simplex and duplex ¹	Up to 42 ppm, simplex; up to 38 ipm, duplex ¹	Save time with 33% faster simplex and 47% faster duplex output—with 100% duplex efficiency
Scan speed (black and colour): up to 83/167 ipm, simplex/duplex (Flow models) ²	Scan speed (black/colour): up to 62/60 ipm, simplex and 86/63 ipm, duplex ²	Work more quickly with 38% faster simplex and 165% faster duplex colour scanning
FPO (black) as fast as 5.8/12.6 seconds from ready/sleep ^{3,4}	FPO (black) as fast as 9.4/18.4 seconds from ready/sleep ^{3,4}	Less wait time with 38% faster FPO from ready and 32% faster from sleep
250+ embedded security settings, ⁵ including HP Sure Start, run-time intrusion detection, and whitelisting	HP Sure Start not available Whitelisting and run-time intrusion detection available with firmware upgrade	Enhanced protection with key security technologies designed to thwart attackers' efforts and self-heal
3-bin stapler/stacker with job offset and up to 3,200-sheet input capacity; standard input trays hold 550 sheets	Offset job printing not available; up to 3,100-sheet input capacity; standard input trays hold 500 sheets	Improved paper-handling options, and with 550-sheet trays, you can add a whole ream before the paper runs completely out
Original HP Toner cartridges with JetIntelligence; High-yield black/colour (~28,000/23,000 pages) ^{6,7}	Original HP toner cartridges; High-yield black cartridge (~21,000 pages); ⁶ no high-yield colour	Up to 39% more professional-quality colour pages, ⁸ peak printing performance, and anti-fraud technology



The new HP LaserJet Enterprise 600 series

Family lineup



HP LaserJet Enterprise
M607/M608/M609



HP LaserJet Enterprise MFP
M631/M632



HP Color LaserJet Enterprise
M652/M653

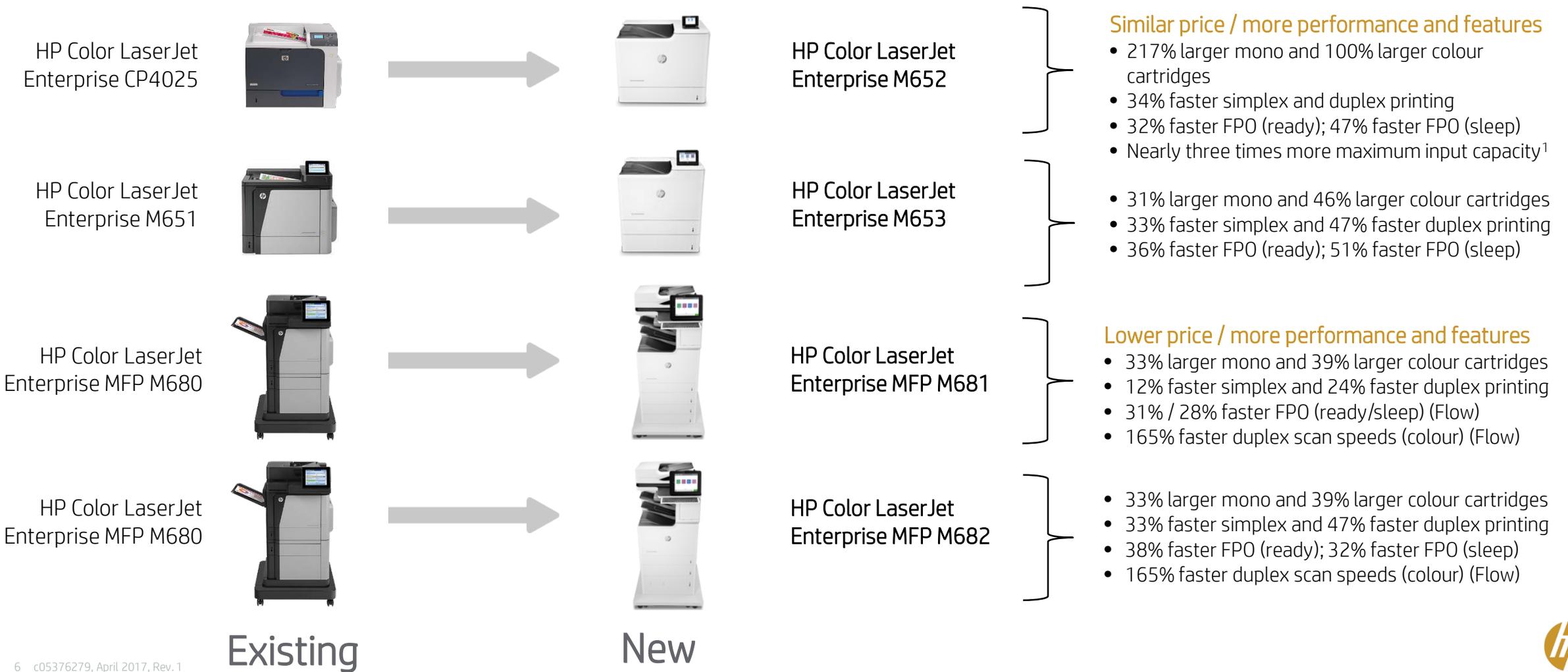


HP Color LaserJet Enterprise
MFP M681/M682

Output	Sharp black text and graphics	Sharp black text and graphics	Brilliant colour prints	Brilliant colour prints
Print speed (A4)¹	Up to 52/61/71 ppm	Up to 52/61 ppm	Up to 47/56 ppm	Up to 47/56 ppm
Maximum input²	Up to 4,400 sheets	Up to 3,750 sheets	Up to 3,200 sheets	Up to 3,200 sheets
Output accessories	5-bin stapler/stacker (optional for all models)	3-bin stapler/stacker (M631z/ Flow M632z only)	Not available	3-bin stapler/stacker (Flow M681z/ Flow M682z only)
Control panel	6.9 cm LCD with keypad or 10.9 cm colour touchscreen (depending on model)	20.3 cm colour touchscreen; pull-out keyboard with Flow models	6.9 cm LCD with keypad or 10.9 cm colour touchscreen (depending on model)	20.3 cm colour touchscreen; pull-out keyboard with Flow models
RMPV (pages)³	5,000 to 20,000/25,000/30,000	5,000 to 30,000	2,000 to 14,000/3,000 to 17,000	2,000 to 14,000/3,000 to 17,000
Cartridges (pages)^{4,5}	A/X/Y: 11,000/25,000/41,000	A/X/Y: 11,000/25,000/41,000	Black A/X: 12,500/27,000 Colour A/X: 10,500/22,000	Black A/X: 12,500/28,000 Colour A/X: 10,500/23,000

The new HP LaserJet Enterprise 600 series—colour

Increased value generation over generation



HP Color LaserJet Enterprise MFP M681 series

Product walk-around (Flow M681 z shown)



HP Color LaserJet Enterprise Flow MFP M682z

Product walk-around



HP Color LaserJet Enterprise MFP M681, M682 series

Series at a glance



M681dh (J8A10A)

- Print speed up to 47 ppm (simplex and duplex)¹
- 150-sheet ADF with single-pass, two-sided scanning
- Scan speed up to 69/111 ipm, simplex/duplex²
- 100-sheet tray 1, 550-sheet tray 2
- HIP,³ easy-access USB,⁴ encrypted hard disk



M681f (J8A11A)

All the features of the M681dh model, plus:

- Fax capability
- 550-sheet paper feeder and stand



Flow M681z (J8A13A)

All the features of the M681f model (except 550-sheet paper feeder and stand), plus:

- Scan up to 83/167 ipm, simplex/duplex²
- Advanced workflow features including pull-out keyboard, OCR, HP EveryPage, auto-orientation, and more
- 3x550-sheet paper feeder and stand
- 3-bin stapler/stacker with offset job printing



Flow M682z (J8A17A)

All the features of the Flow M681z model (except 3x550-sheet paper feeder and stand), plus:

- Print up to 56 ppm (simplex and duplex)¹
- 1x550-sheet/2,000-sheet HCI feeder and stand
- Wi-Fi Direct[®] printing⁵ and Bluetooth[®] Low Energy⁶

HP Color LaserJet Enterprise MFP M681, M682 series

Paper-handling accessories



550-sheet Paper Feeder (P1B09A)



550-sheet Paper Feeder with Stand and Cabinet (P1B10A)



3x550-sheet Paper Feeder and Stand (P1B11A)



1x550-sheet/2,000-sheet HCL Feeder and Stand (P1B12A)



3-bin stapler/stacker

Standard		M681f	Flow M681z	Flow M682z	Flow M681z, Flow M682z
Optional	Add up to two: M681dh	M681dh	M681dh	M681dh	Not available

HP Color LaserJet Enterprise MFP M681, M682 series

Other accessories



Fax (CC487A)



HP Foreign Interface Harness Kit (B5L31A)



HP Jetdirect 3000w NFC/Wireless Accessory (J8030A)



HP Jetdirect 2900nw Print Server accessory (J8031A)



HP Internal USB Ports (B5L28A)



HP 1 GB DDR3 x32 144-Pin 800 MHz SODIMM (E5K48A)



HP Trusted Platform Module (F5S62A)¹

Standard M681f,
Flow M681z,
Flow M682z

Optional M681dh

All models

M681dh, M681f,
Flow M681z

All models

All models

All models

All models

HP Color LaserJet Enterprise Flow MFP M681z and M682z

Flow features

Higher volumes and more productive electronic document workflows¹



Up to 87% higher recommended scan volume²

Designed for higher volume scanning



Up to 50% faster duplex scanning³

Reduce manual interventions without sacrificing performance



Integrated keyboard

Fast, accurate data input



HP EveryPage technologies

Reliable feeding without missing a page



Embedded optical character recognition (OCR)

Easily generate text and searchable files



Additional document features

- Auto-orient each page
- Auto-crop to page edge
- Auto-tone sets contrast, brightness and background removal for each page

HP Color LaserJet Enterprise MFP M681, M682 series

HP business workflow and printing solutions



Security

- More than 250 embedded security features¹
- HP Sure Start, run-time intrusion detection, and whitelisting
- Supports HP JetAdvantage Security Manager²
- Hardware Integration Pocket,³ optional HP TPM⁴
- Works with SIEM tools
- Optional HP Access Control⁵



Management

- HP Web Jetadmin⁶
- HP FutureSmart 4 firmware
- HP Open Extensibility Platform
- HP Universal Print Driver⁷
- Online Help



Workflow

- Single-pass, two-sided scanning
- Scan directly to email, network folders, Microsoft[®] SharePoint[®], and more
- Flow models offer advanced workflow features
- Optional HP JetAdvantage Workflow Solutions: HP Capture and Route, HP Embedded Capture, HP Digital Sending Software



Mobile printing

- Wi-Fi Direct[®] printing,⁸ NFC,⁹ and Bluetooth[®] Low Energy¹⁰
- HP ePrint,¹¹ Apple AirPrint,¹² Mopria-certified, Google Cloud Print[™] 2.0
- Optional managed mobile printing solutions¹³



Software as a Service

- HP JetAdvantage On Demand web portal for managing both apps and users¹⁴
- HP JetAdvantage Private Print¹⁵
- Optional HP JetAdvantage Secure Print¹⁶
- Optional HP JetAdvantage Insights¹⁷
- Third-party apps

HP Color LaserJet Enterprise MFP M681, M682 series

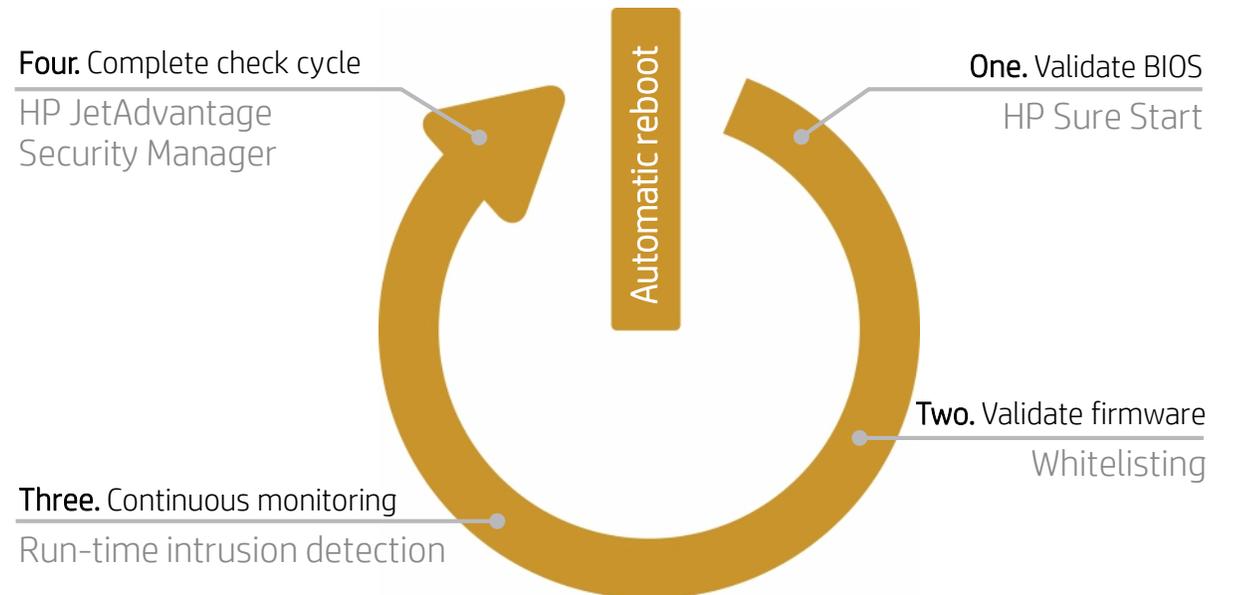
The world's most secure printing¹

More than 250 security features help protect your device, data, and documents. Three key technologies take security to the next level:

- **HP Sure Start** validates the integrity of the BIOS code
- **Whitelisting** ensures only authentic, known-good HP firmware is loaded into memory
- **Run-time intrusion detection** detects anomalies during complex firmware and memory operations

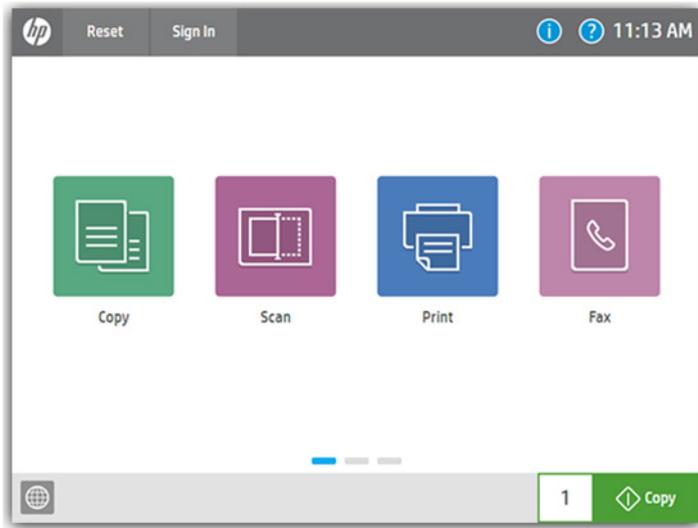
Each feature automatically triggers a reboot if attacked:

- **HP JetAdvantage Security Manager** automatically validates security settings—across the fleet—to comply with configuration policies²



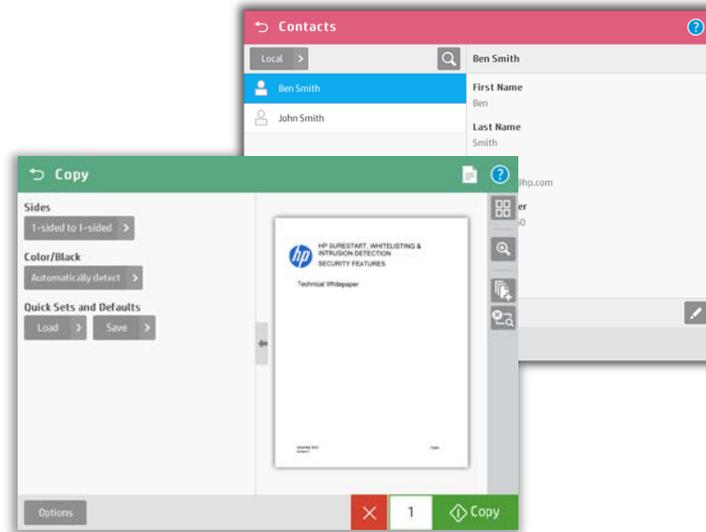
HP Color LaserJet Enterprise MFP M681, M682 series

HP FutureSmart 4 features



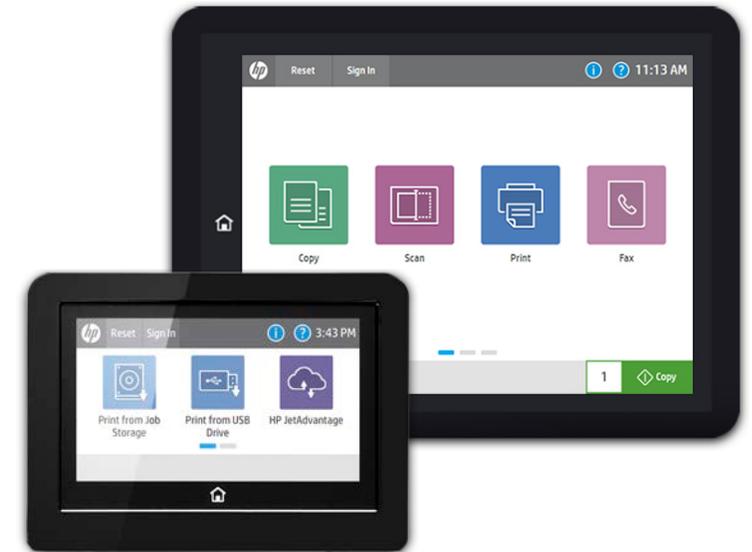
Clean and simple

- Simpler home screen—just four applications by default (three for MFPs without fax)
- Modern tablet-like interface across Enterprise devices, swipe to access additional screens
- Improved messaging with new Message Center that includes helpful animations to quickly resolve issues



Improved, powerful productivity

- Improved image preview can now be used for both copying and scanning
- More customisable—add wallpaper and your company logo, plus new applications, like scan to Microsoft® SharePoint® and Office 365, and usability features
- New centralised contacts—combine address books and consolidate recipient network folders, email addresses, and fax numbers



Future investment protection

- Uniquely fleet upgradable for older and newer devices¹
- Scalable control panel improves future extensibility and new capabilities

Built for the leaner, smarter, faster office



Original HP Toner cartridges with JetIntelligence



HP LaserJet printers and MFPs



Developed together to deliver excellence

HP low-melt, hard shell ColorSphere 3 toner

For faster, smaller printers¹

HP legendary quality and less energy to print a page¹

Page maximiser technology for more pages²

Up to 39% more colour pages and 33% more black pages per cartridge than predecessor²

Help reduce costs with high-yield options

Print gauge technology that dynamically predicts cartridge life

Integrated with your HP LaserJet devices³

More dependable print gauge⁴

Anti-fraud technology for cartridge security

Enhanced, secure link between the HP device and the Original HP cartridge

Authenticates Genuine HP cartridges and alerts if a used or counterfeit is installed

Automatic toner seal removal

Original HP Toner cartridges are shipped in the printer and are ready to print

Skip a step at install and get right to printing

¹ As compared with previous generation of HP LaserJet printers.

² More pages versus predecessor cartridges claim based on page-yield comparison of HP 653X High Yield Color Original LaserJet Toner Cartridges with the HP 657X High Yield Color Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutequipment.

³ For a list of devices that support HP JetIntelligence cartridges, please see hp.com/go/NewLaserJets.

⁴ As compared with cartridge gauges for HP predecessor products.



HP Color LaserJet Enterprise MFP M681, M682 series

Thoughtfully designed—because the little details matter



Pull-out keyboard

Enter data more quickly and accurately using the pull-out keyboard included on the Flow models.



Icon-based touchscreen

Easily manage documents at the MFP with the modern, tablet-like interface on the colour touchscreen.

The adjustable tilt angle provides accessibility to all users.



Advanced paper-handling

Let high-volume print jobs handle themselves with a maximum input capacity of 3,200 sheets.¹

The 3-bin stapler/stacker with job offset allows you to assign each bin a task like print, fax, copy (Flow models only).



550-sheet input trays

With the 550-sheet paper trays, you can add a whole ream before running completely out.

The redesigned drawers close slowly and gently.



Better media support

Save time with auto media sensing technology that automatically adjusts print settings for better quality and low energy use. A cave light makes it easier to see what's in the output tray.

Improved support for narrow media means you can print at up to 74 ppm² on A5 (landscape).³

HP Color LaserJet Enterprise MFP M681, M682 series

Upsell path

CLJ Enterprise MFP M577dn

- 100-sheet ADF with duplex scanning up to 43/38 ipm, black/colour¹
- Std/max input: 650/2,300 sheets²
- Black A/X: 6,000/12,500 pages³
Colour A/X: 5,000/9,500 pages³



38
ppm⁸

Up to 15 users
Duty cycle: up to 80,000 pages⁹
RMPV: 2,000 to 7,500 pages¹⁰

CLJ Enterprise MFP M681dh

- 150-sheet ADF with duplex scanning up to 111 ipm, black and colour¹
- Std/max input: 650/3,200 sheets;²
4 optional input accessories
- Black A/X: 12,500/28,000 pages^{3,4}
Colour A/X: 10,500/23,000 pages^{3,4}



47
ppm⁸

Up to 30 users
Duty cycle: up to 100,000 pages⁹
RMPV: 2,000 to 14,000 pages¹⁰

CLJ Enterprise Flow MFP M682z

- Duplex scanning up to 167 ipm, black and colour¹
- Fax; advanced workflow features
- 3-bin stapler/stacker with job offset
- Wi-Fi Direct⁵/Bluetooth[®] Low Energy⁶
- Std/max input: 3,200 sheets
- Black A/X: 12,500/28,000 pages^{3,4}
Colour A/X: 10,500/23,000 pages^{3,4}



56
ppm⁸

Up to 30 users
Duty cycle: up to 120,000 pages⁹
RMPV: 3,000 to 17,000 pages¹⁰

HP Color LaserJet Enterprise CM4540 MFP series

Upgrade path

CLJ Enterprise CM4540f MFP

- 50-sheet ADF with duplex scanning up to 42 ipm, black and colour¹
- Enterprise security features
- Std/max input: 1,100 sheets
- Black A/X: 8,500/17,000 pages²
Colour A: 11,000 pages²



40
ppm⁷

Up to 30 users
Duty cycle: up to 175,000 pages⁸
RMPV: 5,000 to 9,000 pages⁹

CLJ Enterprise MFP M681f

- 150-sheet ADF with duplex scanning up to 111 ipm, black and colour¹
- HP Sure Start, run-time intrusion detection, and whitelisting
- Std/max input: 1,200 sheets
- Black A/X: 12,500/28,000 pages^{2,3}
Colour A/X: 10,500/23,000 pages^{2,3}



47
ppm⁷

Up to 30 users
Duty cycle: up to 100,000 pages⁸
RMPV: 2,000 to 14,000 pages⁹

CLJ Enterprise Flow MFP M682z

- Duplex scanning up to 167 ipm, black and colour¹
- Fax; advanced workflow features
- 3-bin stapler/stacker with job offset
- Wi-Fi Direct^{®4}/Bluetooth[®] Low Energy⁵
- Std/max input: 3,200 sheets
- Black A/X: 12,500/28,000 pages^{2,3}
Colour A/X: 10,500/23,000 pages^{2,3}



56
ppm⁷

Up to 30 users
Duty cycle: up to 120,000 pages⁸
RMPV: 3,000 to 17,000 pages⁹

HP Color LaserJet Enterprise MFP M681 series

Competitive position

- **Leading security features**¹ including HP Sure Start, run-time intrusion detection, whitelisting, encrypted hard drive, and support for HP JetAdvantage Security Manager²
- Print speeds up to 47 ppm³—**up to 34% faster** than most of the listed competitors⁴
- **Faster FPO** from ready (black, letter) than the listed competitors⁴—as fast as 6.4 seconds⁵
- **Faster single-pass, two-sided scan speed** than the listed competitors⁴—up to 167 ipm⁶ for the Flow M681z model
- HP FutureSmart, OXP, HIP—**greater extensibility/solutions**,⁴ supports 180 third-party solutions

Key competitors⁴

- Lexmark CX820de and CX825de
- Xerox ColorQube 8900
- Ricoh MP C401
- Canon imageRUNNER ADVANCE C350iF
- Kyocera Taskalfa 406ci



HP Color LaserJet Enterprise Flow MFP M682z

Competitive position

- **Leading security features**¹ including HP Sure Start, run-time intrusion detection, whitelisting, encrypted hard drive, and support for HP JetAdvantage Security Manager²
- Print speeds up to 56 ppm³—**up to 24% faster** than most of the listed competitors⁴
- FPO from ready as fast as 5.7 seconds (black and colour, letter)⁵—**as much as 48% faster** than the listed competitors⁴
- **Faster single-pass, two-sided scan speed** than the listed competitors⁴—up to 167 ipm⁶
- HP FutureSmart, OXP, HIP—**greater extensibility/solutions**,⁴ supports 180 third-party solutions

Key competitors⁴

- Lexmark CX860de
- Samsung MultiXpress CLX-8650
- Dell C5765dn Color MFP



HP Print Services Portfolio

Scalable services that help meet your business needs

HP Care for printers

Choose how we can help you manage

Care Pack services



Priority services



Proactive Print Advisor



Pre-configured or contractual

Customer value

- Help reduce downtime and increase productivity
- Help protect hardware investments
- Help stabilise and trim costs

HP Managed Print Services (MPS)

Let us manage so you can focus on other priorities

Optimise infrastructure

Manage environment

Improve workflow



Assessment



Financial and procurement



Transition and implementation



Management and support



Document and workflow solutions

HP Enterprise Platform

- Help balance productivity and costs and improve ROI
- Help increase IT productivity and system availability
- Help streamline workflow and increase compliance