

Product specifications

HP Data Sheet

ISO 19798 HP Color LaserJet Enterprise M652_M653 and HP LaserJet Color LaserJet Enterprise MFP M681_M682

Functions

Print

Print speed

Up to 60 ppm

Printer page yield

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>

First page out (ready) black

As fast as 5.7 sec

First page out (ready) color

As fast as 5.7 sec

Resolution (black)

Up to 1200 x 1200 dpi

Resolution (color)

Up to 1200 x 1200 dpi

Resolution technology

HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated

Monthly duty cycle

Up to 120,000 pages

Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

Recommended monthly page volume

2000 to 17,000

Print Technology

Laser

Display

4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)

Processor speed

1.2 GHz

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Replacement cartridges

HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 656X High Yield Black Original LaserJet Toner

Cartridge (~27,000 yield) CF460X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 yield) CF451A; HP 656X High Yield Cyan Original LaserJet Toner Cartridge (~22,000 yield) CF461X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 656X High Yield Yellow Original LaserJet Toner Cartridge (~22,000 yield) CF462X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF4533A; HP 656X High Yield Magenta Original LaserJet Toner Cartridge (~22,000 yield) CF463X^[6]

Product disclaimer

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. <http://www.hp.com/go/learnaboutsupplies>

Print languages

HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)

Automatic paper sensor

Yes

Paper trays

Up to 5

Mobile Printing Capability

HP ePrint; Apple AirPrint™; Mopria-certified

Connectivity

HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A

Security management

Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS

Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

Minimum system requirements

1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
2GB available hard disk space, OS hardware requirements see microsoft.com

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.)

Memory

3 GB

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

Supported network protocols

Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

Hard disk

Optional, 500 GB (with accessory B5L29A)

Paper handling input

100-sheet multi-purpose tray, 550-sheet input tray 2

Paper handling output

500-sheet output bin

Duplex printing

Automatic (standard)

Finished output handling

Sheetfed

Media sizes supported

Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 550-sheet trays 3, 4, 5: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 2,000-sheet high-capacity Tray 4: A4

Media sizes

Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4 x 5.83 to 8.5 x 14 in; Optional 550-sheet trays: 4 x 5.83 to 8.5 x 14 in; Optional 2,000-sheet high-capacity tray: custom sizes not supported in this tray

Media types

Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined

Supported media weight

Tray 1: 16 to 58 lb (plain) 32 to 58 lb (glossy); Tray 2 and automatic two-sided printing unit: 16 to 90 lb (plain) 32 to 58 lb (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders: 16 to 90 lb (plain) 32 to 58 lb (glossy); Optional Tray 4 2,000-sheet high capacity input: 16 to 58 lb (plain)

Media weights by paper path

Tray 1: 60-220 g/m² (plain), 120 to 220 g/m² (glossy); Tray 2 and automatic two-sided printing unit: 60 to 163 g/m² (plain), 120 to 220 g/m² (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders: 60 to 163

g/m² (plain), 120 to 220 g/m² (glossy); Optional Tray 4 2,000 high capacity input: 60-163 g/m² (plain)

Power

Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A. Not dual voltage, power supply varies by part number with # Option code identifier.

Power consumption

780 watts (printing), 31 watts (ready), 0.7 watts (sleep), 0.7 watts (Auto Off/Manual On), 0.1 (Manual Off)

Energy efficiency

ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ; #201 options only); CECP

Operating temperature range

59 to 86°F

Operating humidity range

30 to 70% RH

Software included

HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) 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

FCC

FCC Class A emissions - for use in commercial environments, not residential environments

Warranty

One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region.

Post warranty

Please consult web site <http://www.hp.com/support>

Dimensions (W X D X H)

20.08 x 18.03 x 20.08 in

Dimensions Maximum (W X
D X H)

37.91 x 30.31 x 20.08 in

Weight

68.9 lb

Package weight

79.3 lb

What's in the box

HP Color LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord

Cable included

No, please purchase (USB) cable separately

Sustainability Impact

Mercury free