Product specifications

HP Data Sheet

HP Color LaserJet Pro M254dw

Functions

Print

First page out (ready)
black

As fast as 10.20 sec

First page out (ready)
color

As fast as 11.80 sec

Resolution (black)

Up to 600 x 600 dpi

Resolution (color)

Up to 600 x 600 dpi

Resolution technology

ImageRET 3600

Monthly duty cycle

Up to 40,000 pages

Recommended monthly page volume

150 to 2500

Print Technology

Laser

Display

2.7" color graphic screen

Processor speed

800 MHz

Number of print cartridges

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

Replacement cartridges

HP 202A Black LaserJet Toner Cartridge (~1400 page yield) CF500A; HP 202A Cyan LaserJet Toner Cartridge (~1300 page yield) CF501A; HP 202A Yellow LaserJet Toner Cartridge (~1300 page yield) CF502A; HP 202A Magenta LaserJet Toner Cartridge (~1300 page yield) CF503A; HP 202X Black LaserJet Toner Cartridge (~3200 page yield) CF500X; HP 202X

Cyan LaserJet Toner Cartridge (~2500 page yield) CF501X; HP 202X Yellow LaserJet Toner Cartridge (~2500 page yield) CF502X; HP 202X Magenta LaserJet Toner Cartridge (~2500 page yield) CF503X

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

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Print languages

HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF

Automatic paper sensor

No

Paper trays, standard

2

Paper trays, maximum

2

Mobile Printing Capability

HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified

Connectivity, standard

Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; Dual band 802.11n 2.4/5GHz; Walkup host USB port

Security management

Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication; Firewall and ACL; SNMPv3

Minimum system requirements

Apple® OS X Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB

Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.

Compatible operating systems

Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8 Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® OS X: Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB. Linux (For more information, see http://hplipopensource.com/hplip-

web/index.html). Unix (For more information, see http://www.hp.com/go/unixmodelscripts)

Memory, standard

256 MB DDR, 256 MB NAND Flash

Memory, maximum

256 MB DDR, 256 MB NAND Flash

Printer management

HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager[4]

Print speed, color
(draft)

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.

Supported network
protocols

TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6

Paper handling input, standard

250-sheet input tray; 1-sheet priority tray

Paper handling output, standard

100-sheet output bin

Duplex printing

Yes

Finished output handling

Sheetfed

Media sizes supported

Letter(216 x 280); Legal(216 x 356); Executive(184 x 267); Oficio 8.5x13(216 x 330); 4 x 6(102 x 152); 5 x 8(127 x 203); A4(210 x 299); A5(148 x 210); A6(105x148); B5(JIS)(182 x 257); B6(JIS)(128 x 182); 10x15cm(100 x 150); Oficio 216x340mm(216 x 340); 16K 195x270mm(195x270); 16K 184x260mm(184x260); 16K 197x273mm(197x273); Postcard(JIS)(100 x 147); Double Postcard(JIS)(147 x 200); Envelope #10(105 x 241); Envelope Monarch(98 x 191); Envelope B5(176 x 250); Envelope C5(162 x 229); Envelope DL(110 x 220); A5-R(210 x 148);

Media sizes, custom

   3 x 5 to 8.5 x 14 in

Media types

   Paper (bond, brochure, colored, glossy, heavy,
   letterhead, light, photo, plain, preprinted,
   prepunched, recycled, rough), transparencies,
   labels, envelopes, cardstock

Supported media
weight

   16 to 43 lb (Uncoated/Matte, recommended),
   however up to 47 lb Postcards and 53 lb HP
   Matte is allowed in the driver; 16 to 43 lb
   (Coated/Glossy, recommended) , however up to
   47 lb Postcards and 59 lb HP Glossy is allowed
   in the driver.

Media weights by
paper path

   60 to 163 g/m² (Uncoated/Matte,
   recommended), however up to 175 g/m²
   Postcards and 200 g/m² HP Matte is allowed in
   the driver; 60 to 163 g/m² (Coated/Glossy,
   recommended) , however up to 175 g/m²
   Postcards and 220 g/m² HP Glossy is allowed in
   the driver.

Power

110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz) , 60 Hz (+/- 3 Hz)

Print speed, black (normal)

Up to 22 ppm

Power consumption

381 watts (active printing), 7.5 watts (ready), 0.8 watt (sleep), 0.1 watt (Manual-Off), 0.1 (Auto Off/Manual On), 0.8 watt (Auto Off/Wake on LAN)
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. Power consumption values typicallty based on measurement of 115V device.

Energy efficiency

ENERGY STAR® qualified; Blue Angel; EPEAT® Silver

Operating temperature range

59 to 86ºF

Operating humidity range

30 to 70% RH

Dimensions (W X D X H)

15.4 x 16.5 x 9.7 in

Dimensions Maximum (W X D X H)

15.4 x 18.7 x 11.7 in

Weight

32.6 lb

Package weight

38.2 lb

What's in the box

HP Color LaserJet Pro M254dw; Introductory HP LaserJet Color cartridges (~700 color composite (C/Y/M) page yield and ~800 page yield black); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable

Print speed, color (normal)

Up to 22 ppm

Cable included

Yes, 1 USB

Warranty

One-year limited hardware warranty; For more info please visit us at http:// support.hp.com

Post warranty

http://www.hp.com/support

Software included

For Windows OS, HP Software Installer, HP Software Uninstaller, HP PCL6 Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, Online user manuals For Mac OS. Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)