



HP Sales Central

HP LaserJet Pro MFP M28a Printer (W2G54A)

Active as of 4/1/2018

Detailed Specifications

Acoustic power emissions (active copy)

6.7 B(A)

Acoustic power emissions (active, printing)

6.5 B(A)

Acoustic power emissions (ready)

2.6 B(A)

Acoustic pressure emissions bystander (active copy)

47 dB(A)

Acoustic pressure emissions bystander (active, printing)

52 dB(A)

Acoustic pressure emissions bystander (ready)

16 dB(A)

Automatic paper sensor

Yes

Best technical electricity consumption (TEC)

0.417 kWh/week

Best technical electricity consumption (TEC) footnote

Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

Best technical electricity consumption (TEC) footnote number

[9]

Bit depth

24 bit

Blue Angel (sleep mode)

1.0 watts

Blue Angel compliant

Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

Bottom margin (A4)

2 mm

Cable included

Yes. 1 USB Cable (AP Only). Other regions: Please purchase USB cable separately

Certifications and compliances

CSA (Canada), ANZ (Australia & New Zealand), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), KC&KCC (South Korea), NOM (Mexico), Malaysia, Singapore, Chile, Vietnam, Eastern European approvals, CE Marking, FCC approval, BIS(India), S-Mark(Argentina), UL listed and etc.

Code name

Gawain 3:1 base

Color scanning

Yes

Compatible Network 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. Apple® OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB. Linux (For more information, see

<https://developers.hp.com/hp-linux-imaging-and-printing>)

Compatible Operating Systems

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Connectivity, standard

Hi-Speed USB 2.0 port

Control panel

LED

Copier settings

Number of Copies; Lighter/Darker; Optimize; Paper

Copies, maximum

Up to 99 copies

Copy reduce / enlarge settings

25 to 400%

Copy resolution (black graphics)

600 x 400 dpi

Copy resolution (black text)

600 x 400 dpi

Copy speed (black, normal quality, A4)

Up to 18 cpm

Copy speed black (normal, letter)

Up to 19 cpm

Copy speed note

First Copy Out and Copy Speed measured using ISO/IEC 29183, 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.

Count of cartons per pallet layer

12

Count of layers in pallet

America: 8; EMEA/APJ: 7

Country of origin

Made in Vietnam

Display

LED

Downloadable software

From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From HP.com for Windows OS: Full-solution software and drivers (Same solution as "Software Included"); Basic-solution software and drivers (with installer) Product Documentation and Support; From HP.com for Mac OS: HP Easy Start (Guided Software Install); For Mobile OS: See "HP Mobile Printing" (<http://www8.hp.com/us/en/ads/mobility/overview.html>); From In-OS app stores: HP Smart for Windows(HP AiO Remote for Win 8+); HP recommended printer drivers and software; From HP.com for printer administrators: Linux Print Drivers; HP Web JetAdmin Software (HP SNMP Proxy Agent); ReadIris Software

Driver updates

Latest supported operating systems and Print drivers available at <http://www.hp.com/support/ljM28MFP>

Duty cycle (monthly, A4)

Up to 8000 pages

Duty cycle (monthly, letter)

Up to 8000 pages

Duty cycle footnote number

[11]

Duty cycle note

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.

Electromagnetic compatibility

CISPR 22:2008 & CISPR 32: 2012/ EN 55032:2012 - Class B, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 6, GB9254-2008, GB17625.1-2012

Energy efficiency

ENERGY STAR® qualified; EPEAT® Silver

Energy efficiency compliance footnote number

[1]

Energy savings feature technology

HP Auto-on/Auto-off Technology

Energy star certified

Yes

Environmental

Mercury-free

First copy out black (A4)

As fast as 12.3 sec

First copy out black (A4, sleep)

As fast as 12.5 sec

First copy out black (letter)

As fast as 12.3 sec

First copy out black (letter, sleep)

As fast as 12 sec

First page out black (A4, ready)

As fast as 8.2 sec

First page out black (A4, sleep)

As fast as 8.2 sec

First page out black (letter, ready)

As fast as 8.0 sec

First page out black (letter, sleep)

As fast as 8.1 sec

First page out footnote

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.

First page out footnote number

[7]

Functions

Print, copy, scan

Image legal disclaimer

Product image may differ from actual product

Input capacity

Up to 150 sheets

Left margin (A4)

2 mm

Levels of grayscale

256

Mac compatible

Yes

Maximum dimensions (W x D x H)

14.2 x 16.8 x 13.7 in

Maximum dimensions (W x D x H)

360 x 427 x 347 mm

Maximum Input Capacity (envelopes)

Up to 10 envelopes

Maximum input capacity (sheets)

Up to 150 sheets

Maximum Memory

32 MB

Maximum output capacity (sheets)

Up to 100 sheets

Maximum print area

216 x 297 mm

Media size, tray 1

A4; A5; A6; envelopes (C5, DL); custom

Media sizes supported

A4; A5; A6; envelopes (C5, DL); custom

Media sizes supported

Letter, envelopes (No. 10); custom

Media sizes supported, key

A4; Envelopes

Media sizes supported, key

Letter; Envelopes

Media sizes, custom

105 x 148 to 216 to 297 mm

Media sizes, custom

4.13 x 5.83 to 8.5 x 11.69

Media type and capacity, tray 1

Sheets: 150; Envelopes: 10

Media types

Plain paper, envelope, postcard, Label

Media weight (tray 1)

65 to 120 g/m²

Media weight, supported

17 to 32 lb

Media weight, supported

65 to 120 g/m²

Memory

32 MB

Minimum dimensions (W x D x H)

14.2 x 10.4 x 7.8 in

Minimum dimensions (W x D x H)

360 x 264 x 197 mm

Minimum System Requirements

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.

Minimum System Requirements for Macintosh

Apple® OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB

Multitasking supported

Yes

Native scan file format

PDF, JPG

Network protocols, supported

No

Non-Operating Humidity Range

10 to 90% RH

Number of print cartridges

1 Black

Number of users

1-3 Users

Operating humidity range

10 to 80% RH

Operating system (supported note)

Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; For Windows Server 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit, 2016 64-bit only print driver is installed. Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software.

Operating temperature range

15 to 32.5°C

Operating temperature range

59 to 90.5°F

Orderable product number

W2G54A#ABT, W2G54A#ABY, W2G54A#ACQ, W2G54A#B13, W2G54A#B19, W2G54A#BAZ, W2G54A#BBU

Output capacity

Up to 100 sheets

Package dimensions (W x D x H)

15.66 x 9.76 x 12.04 in

Package dimensions (W x D x H)

398 x 248 x 306 mm

Package weight

15.1 lb

Package weight

6.9 kg

Page yield footnote

Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see

<http://www.hp.com/go/learnaboutesupplies>.

Page yield footnote number

[4]

Pallet dimensions

America: 47.24 x 39.37 x 102.48 in; EMEA, AP: 47.24 x 39.37 x 90.43 in

Pallet dimensions (W x D x H)

America: 1200 x 1000 x 2603 mm; EMEA, AP: 1200 x 1000 x 2297 mm

Pallet weight

America: 1507.2 lb; EMEA, AP: 1325 lb

Pallet weight

America: 685.1 kg; EMEA, AP: 602.3 kg

Paper handling input, standard

150-sheet input tray

Paper handling output, standard

100-sheet output bin

Paper trays, maximum

1 input tray

Paper trays, standard

1 input tray

Post warranty repair & maintenance

<http://www.hp.com/support>

Power

110V - 127V nominal @ +/-10% (min 99V, max 140V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz),
220V - 240V nominal @ +/-10% (min 198V, Max 264V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz)

Power consumption

365 watts (active printing), 2.9 (ready), 0.6 watts (sleep), 0.1 watts (Auto-off /Manual on) , 0.1 watts
(manual off), 0.6 watts (Auto-off/Wake on USB)

Power supply type

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.

Print colors

No

Print languages

PCLmS; URF; PWG

Print quality black (best)

Up to 600 x 600 dpi

Print quality black (normal)

Up to 600 x 600 dpi

Print Resolution Technologies

HP FastRes 600

Print speed

Print speed up to 19 ppm (black)

Print speed (A4/letter) footnote number

[5]

Print speed black (ISO, A4)

Up to 18 ppm

Print speed black (ISO, letter)

Up to 19 ppm

Print speed black (Portrait, A5)

Up to 7 ppm

Print speed footnote

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.

Print speed footnote (A5)

Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Print speed footnote number (A5)

[6]

Print Technology

Laser

Print technology

Laser

Printer Management

HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)

Printer smart software features

HP Auto-On/Auto-Off

Processor speed

500 MHz

Product logos

Energy Star; USB

Product long name specifications

HP LaserJet Pro MFP M28a: Up to 18/19 ppm (A4/Letter);Up to 600 dpi

Quantity per pallet

America: 96, EMEA/APJ: 84

Recommended monthly page volume

100 to 1000

Recommended monthly page volume note

HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

Recommended monthly scan volume

250 to 2000

Recommended monthly scan volume note

HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

Recommended operating humidity range

30 to 70% RH

Recommended operating temperature range

17.5 to 25°C

Recommended operating temperature range

62.6 to 77°F

Replacement cartridges

HP 44A Original Black (EMEA); HP 48A Original Black (ROW); LaserJet Toner Cartridge CF244A (EMEA); LaserJet Toner Cartridge CF248A (ROW)

Replacement cartridges footnote

Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see

<http://www.hp.com/go/learnaboutsupplies>

Replacement cartridges footnote number

[3]

Replacement product number

TOL49A

Resolution

1200 dpi

Right margin (A4)

2 mm

RMN number

SHNGC-1701-00

Safety

IEC 60950-1:2005 +A1:2009+A2:2013/EN60950-1:2006 +A11:2009 +A1:2010+A12:2011+A2:2013; IEC 60825-1:2014 / EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479:2010 / EN 62479:2010; IEC 62471:2006/ EN62471:2008; GB4943-2011

Scan file format

JPG, RAW (BMP), PNG, TIFF, PDF

Scan input modes

Scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software

Scan resolution, hardware

Up to 600 ppi

Scan resolution, optical

Up to 600 ppi

Scan size, maximum

216 to 297 mm

Scan size, maximum

8.5 x 11.7 in

Scan technology

CIS

Scanner advanced features

No

Scanner type

Flatbed

Security management

Password-protected network embedded Web server

Software included

For Windows OS: HP Software Installer, HP Software Uninstaller (exclude Win8+), HP PCLmS Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, Online user manuals, HP Printer Assistant, HP Scan Driver, HP Scan Application, HP Product Improvement Study. For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)

Software scan file format

JPG, RAW (BMP), PNG, TIFF, PDF

Standard output capacity (envelopes)

Up to 10 envelopes

Storage temperature range

-20 to 60°C

Storage temperature range

-4 to 140°F

Sub-brand name

LaserJet Pro

SureSupply note

HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit <http://www.hp.com/go/SureSupply>

SureSupply supported

Yes

Target user and print volume

For teams up to 3 users; Prints up to 1,000 pages/month

Tariff numbers

(AM) 8443310000; (EU) 8443310000; (AP) 84433120

Tech spec footnote

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

Tech spec footnote

[11] 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.

Tech spec footnote

[2] HP Original Introductory Black LaserJet Toner Cartridge (~500 page yield). Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>

Tech spec footnote

[3] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>

Tech spec footnote

[4] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Tech spec footnote

[5] 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.

Tech spec footnote

[6] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC,

media orientation, and media type.

Tech spec footnote

[7] 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.

Tech spec footnote

[8] 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.

Tech spec footnote

[9] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

Top key features

Scan to PDF

Top margin (A4)

2 mm

Twain version

Version 2.1 (Windows 7 or higher)

Typical electricity consumption (TEC) footnote

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.

Typical electricity consumption (TEC) footnote number

[8]

Typical electricity consumption (TEC) number

BA: 0.456 kWh/Week; ES: 0.417 kWh/Week

UNSPSC code

43212110

UPC number

(ABT) 190781160373; (ABY) 190781160380; (ACQ) 190781160397; (B13) 190781160403; (B19) 190781160410; (BAZ) 190781160427; (BBU) 190781160359

Warranty

One-year limited warranty

Web address for additional information

<http://www.hp.com/support/ljM28MFP>

Weight

11.9 lb

Weight

5.4 kg

What is in the box footnote

HP Original Introductory Black LaserJet Toner Cartridge (~500 page yield). Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>

What is in the box footnote number

[2]

What's in the box

HP LaserJet Pro M28a Printer; Preinstalled HP Original Introductory Black LaserJet Toner Cartridge (~500 pages); Getting Started Guide; Setup Poster; Support flyer; Warranty guide; Software drivers and documentation on CD-ROM; Power cord; USB cable (AP only)

Wireless capability

No