



HP LaserJet Tank MFP 1602w Printer (2R3E8A)



Overview

Business capabilities with up to 5,000 pages of pre-filled toner and an ultra-low cost per page[1]

Discover business-ready capabilities and savings with HP LaserJet Tank MFP 1602w All-in-One Printer pre-filled with up to 5,000 pages of Original HP Toner[1]

Get high-quality printing with ultra-low cost per page

Engineered for high-volume printing – pre-filled with 5,000 pages of toner in the tank.
[1]

Easy toner refill in 15 sec with Original HP Toner.

Easily refill Original HP Toner in 15 seconds.
[5]

Full features for versatile productivity.

Maximize your uptime with print speeds up to 22ppm.

Features

MFP performance

High yield HP Toner Reload Kit^{1,3}

Self-reset dual band Wi-Fi⁷

HP Smart app⁸

Uncompromising laser quality

Up to 50,000-page imaging drum⁶

[1] Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 19752 and continuous printing. Additional printed pages require toner reload. For details see www.hp.com/go/learnaboutsupplies.

[5] When used in accordance with instructions. Average reload time based on HP internal testing.

Specifications

Print Resolution Technologies	600 x 400 dpi; 600 x 600 dpi
Print quality black (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 22 ppm
Print speed black (ISO, letter)	Up to 23 ppm
Print speed	Print speed up to 22ppm (black, A4)
Functions	Print, copy, scan
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 25,000 pages
Duty cycle (monthly, letter)	Up to 25,000 pages
Printer smart software features	HP Auto-On/Auto-Off, HP Smart App ^[1]
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	HP 154A Black LaserJet Tank Toner Reload Kit (Yield ~2500 pages); HP 154X Black LaserJet Tank Toner Reload Kit (Yield ~5000 pages); ^[3]
Supplies feature	HP LaserJet Tank Technology
Connectivity, standard	Hi-Speed USB (compatible with USB 2.0 specifications); 802.11a/b/g/n (2.4/5 GHz) Wi-Fi radio + BLE
Network capabilities	built-in WiFi 802.11b/g/n (2.4/5GHz)
Wireless capability	built-in WiFi 802.11b/g/n (2.4/5GHz)
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing
Network protocols, supported	TCP/IP; IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP
Software included	No CD inbox (except Indonesia and China Gov) Downloadable Software from hp.com or 123.hp.com #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Compatible Operating Systems	Windows 11; Windows 10; Windows 7; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux <i>(Not supporting Windows® XP (64-bit), Windows Vista® (64-bit) and Windows 8, 8.1. Full solution software available only for Windows 7 SP1, Windows 10 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.)</i>
Technical features	AirPrint; Compact size; HP Auto-On/Auto-Off; Scan-to-email; Wireless; Wireless Direct
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains post-consumer recycled plastic
Energy star certified	No
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed black (normal, letter)	Up to 23 cpm

Scan file format	JPEG, RAW(BMP), PNG, TIFF, PDF
Scan input modes	HP Smart App; and user applications via Twain
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed
Display area (imperial)	0.94 x 0.94 in
Display area (metric)	2.30 x 2.30 cm
Display	Icon LCD
Minimum dimensions (W x D x H)	368 X 326 X 255 mm <i>(Dimensions vary as per configuration)</i>
Minimum dimensions (W x D x H)	14.5 X 12.83 X 10 in <i>(Dimensions in shipping condition)</i>
Weight	7.9 kg <i>(Weight varies as per configuration)</i>
Weight	17.4 lb <i>(with P unit installed)</i>
Power consumption	Active printing: 390w, Ready: 2.7w, Sleep: 0.51w, Manual Off: 0.05w, Auto Off/Manual On: 0.05w, Auto-Off/Wake on LAN: 0.5w <i>(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 typically based on measurement of 115V device.)</i>
Power supply type	Internal (Built-in) power supply
What's in the box	HP Black Original LaserJet Tank Imaging Drum (introductory ~5000 page black toner yield provided, Power Cord, Setup Guide, Reference Guide, Regulatory/Support Flyers, CD (for APJ only) ^[2]
Manufacturer Warranty	One-year limited hardware warranty. For more info, please visit us at https://support.hp.com

Additional specifications

Acoustic power emissions (active, printing)	6.3 B(A)
Acoustic power emissions (ready)	2.6 B(A)
Acoustic pressure emissions bystander (active, printing)	50 dB(A)
Acoustic pressure emissions bystander (ready)	16 dB(A)
Automatic paper sensor	Yes
Bit depth	24-bit
Bottom margin (A4)	2 mm
Cable included	Yes, 1 USB Cable for 1602w. No USB Cable for 1604w
Cartons per layer	8
Certifications and compliances	RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Chile, Argentina, Indonesia, Singapore, Philippines, etc.
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit; Linux (For more information see http://developers.hp.com/hp-linux-imaging-and-printing)
Control panel	Icon LCD; 3 lights (Media, Wifi, Lid open); 10 buttons (WiFi, Down, Menu, Up, Copy, ID copy, Info, Resume, Cancel, Power)
Copy speed note	First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.
Count of layers in pallet	EMEA/APJ: 5; AMS: 6
Country of origin	Made in Vietnam (WW except Brazil SKU) Made in Brazil (for Brazil SKU only)
Downloadable software	From 123.hp.com: HP Smart for Windows 11, 10, Mac, Mobile(Android and iOS); HP Easy Start for Windows 7; From hp.com: Full-solution software and drivers (with installer); HP Easy Start; Basic-solution software and drivers; Product Documentation and Support; HP Print and Scan Doctor; From Mobile OS: See "HP Mobile Printing" (http://www.hp.com/go/mobileprinting); From In-OS app stores: HP Smart; HP Print Service Plugin; From HP.com for printer administrators: Linux Print Drivers; HP Web JetAdmin Software (HP SNMP Proxy Agent)
Driver updates	Latest supported operating systems and Print drivers available at hp.com/support/ljtmfp160x

Duplex ADF scanning	No
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	CISPR32:2015 & CISPR 35:2016 /EN55032:2015 - Class B; EN 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6
Envelope Feeder	No specific envelope feeder. Envelope can be supported in Tray 1
Finished output handling	60 to 163 gram cut sheet paper
First copy out black (A4)	As fast as 11 sec
First copy out black (A4, sleep)	As fast as 11.5 sec
First copy out black (letter)	As fast as 10.5 sec
First copy out black (letter, sleep)	As fast as 11 sec
First page out black (A4, ready)	As fast as 8.0 sec
First page out black (A4, sleep)	As fast as 8.4 sec
First page out black (letter, ready)	As fast as 7.9 sec
First page out black (letter, sleep)	As fast as 8.3 sec
First page out 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.
Input capacity	Up to 150 sheets
Left margin (A4)	2 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	64 MB SDRAM
Maximum dimensions (W x D x H)	368 X 390.5 X 255 mm
Maximum dimensions (W x D x H)	14.5 X 15.4 X 10 in
Maximum input capacity (sheets)	Up to 150 sheets
Maximum metric depth	390.5mm when Tray extended fully in operational state
Maximum metric height	255mm when Tray extended fully in operational state
Maximum metric width	368mm when Tray extended fully in operational state
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	215.9 x 355.6 mm
Media size, tray 1	A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 mm to 215.9 x 355.6 mm; 216mm x 340mm

Media sizes supported	A6; A5; A4; No.10 Env; C5 Env; DL Env; B5 Env; B5(JIS); B6 (JIS); 216mm x 340mm; Custom
Media sizes supported	Letter; envelopes (No.10); Legal; Postcard; Double Postcard; Executive; Officio; Custom
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	4x 6 to 8.5 x 14 In
Media sizes, custom	102 x 152 to 215.9 x 355.6 mm
Media type and capacity, ADF	Standard printed media. 40 sheets Capacity.
Media type and capacity, tray 1	Up to 150 sheets cut sheet or 10 envelope
Media types	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope
Media weight (tray 1)	60 to 163 g/m ²
Media weight (tray 2)	NO tray 2
Media weight (tray 3)	No Tray 3
Media weight, supported	60 to 163 g/m ²
Media weight, supported	16 to 43 lb
Memory	64 MB
Metric depth	326mm in shipping state
Metric height	255mm in shipping state
Metric width	368mm in shipping state
Minimum System Requirements	Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge.
Minimum System Requirements for Macintosh	Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required
Mobile printing capability footnote	[4] Wi-Fi Direct® footnote: Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at hp.com/go/mobileprinting . Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. ^[4]
Native scan file format	JPG; PDF
Number of print cartridges	1 (black)
Number of users	1-5 Users
Operating humidity range	10 to 80 %RH
Operating temperature range	15 to 32.5°C
Operating temperature range	59 to 90.5°F
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	17.01x 13.03 x 15.28 in
Package dimensions (W x D x H)	432 x 331 x 388 mm
Package weight	9.8 kg

Package weight	21.6 lb
Page yield (set-up/inbox cartridges)	~5,000 black pages
Pallet dimensions	EMEA/APJ: 47.24 x 39.37 x 82.32 in; AMS: 47.24 x 39.37 x 97.60 in
Pallet dimensions (W x D x H)	EMEA/APJ: 1200 x 1000 x 2091 mm ; AMS: 1200 x 1000 x 2479 mm
Pallet weight	EMEA/APJ: 412.5 kg; AMS: 490.9 kg
Pallet weight	EMEA/APJ: 909.45 lb; AMS: 1082.2 lb
Paper handling input, optional	envelope and labels
Paper handling input, standard	150 sheet input tray
Paper handling output, optional	envelope and labels
Paper handling output, standard	100 sheet output
Paper trays, maximum	1
Paper trays, standard	1
Power	Printer-110V- RMN : L12543A; Rated Voltage : 110-127V; Rated Current : 5.2A; Frequency : 50/60Hz. Printer-220V- RMN : L12543E; Rated Voltage : 220-240V; Rated Current : 2.9A; Frequency : 50/60Hz
Print Technology	Laser
Print colors	No
Print languages	PCLmS; URF; PWG
Print quality black (normal)	Up to 600 x 400 dpi
Print resolution black (fine lines)	Up to 600 x 600 dpi
Print speed black (Landscape, A5)	Up to 23 ppm
Print speed black (Portrait, A5)	Up to 4 ppm
Print speed footnote (A5)	[5] Measured using ISO/IEC 24734 Feature Performance Test, 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 technology	Laser
Printer Management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)
Printer smart software features footnote	[1] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. [2]Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting . Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details: HPSmart.com at Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.
Processor speed	500 MHz
Product long name specifications	HP LaserJet Tank MFP 1602w; 5,000 inbox yield; Up to 22/23 ppm (A4/Letter); Up to 20,000 pages per month duty cycle; USB and Wireless

Product short name specifications	HP LaserJet Tank MFP 1602w Printer, Black and white, Printer for Business, Print, copy, scan, Scan to email; Scan to PDF
Quantity per pallet	EMEA/APJ: 40; AMS: 48
RMN number	SHNGC-2101-01
Recommended media weight (duplex)	No Duplex Support
Recommended media weight (duplex)	No Duplex support
Recommended monthly page volume	250-2500
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	150 to 1500
Recommended monthly scan volume note	HP recommends that the number of scan 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 operating humidity range	30 to 70% RH
Recommended operating temperature range	17.5 to 25°C
Recommended operating temperature range	63 to 77°F
Replacement cartridges footnote	[3] Declared yields based on 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/toneryield
Resolution	Up to 600 dpi optical sensor
Right margin (A4)	2 mm
Safety	IEC 60950-1:2005 +A1:2009+A2:2013; IEC/EN 62368-1:2014; CAN/CSA C22.2 No. 62368-1, 3rd Edition; UL62368-1, 3rd Edition; IEC 60825-1 3rd Edition (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECEE CB Bulletin; Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3.,as described in Laser Notice No. 56, dated May 8, 2019
Scan resolution, hardware	600 x 1200 dpi
Scan resolution, optical	Up to 600 dpi
Scan size, maximum	216 x 297 mm
Scan size, maximum	8.5 x 11.7 in

Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; TLS 1.0/1.1 disabled by default; OpenSSL version 1.1.1; Enable/disable Network ports; SNMPv1, SNMPv2, and SNMPv3, Community password change; Secure defaults, Encrypted data at rest, Active FW update, Admin password by default, Cipher & TLS selection; Account lockout; Secure Wi-Fi setup
Segment (filter)	Business
Software scan file format	JPEG, RAW(BMP), PNG, TIFF, PDF
Standard output capacity (envelopes)	Up to 10 envelope
Standard output capacity (transparencies)	No transparency support
Storage temperature range	-20 to 60°C
Storage temperature range	-4 to 140°F
Target user and print volume	For teams up to 5 users; Prints up to 2,500 pages/month
Tariff numbers	(AM) 8443310000; (EU) 8443310000; (AP) 84433129
Telecom compliance (fax capability)	Wireless: EU RED 2014/53/EU; ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17: V3.1.1; EN 300 328: V2.2.2 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008
Top key features	Scan to email; Scan to PDF
Top margin (A4)	2 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) 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.
Typical electricity consumption (TEC) number	Energy Star: 0.194Kwh/week; Blue Angel: 0.203Kwh/week ^[8]
UNSPSC code	43212110
UPC number	(696) 196188154120; (AC8) 195908728825; (ACQ) 195908728832; (AKV) 195908728849; (B13) 195908728856; (B19) 195908728863; (BBU) 195908728870; (BGJ) 195908728887
Warm-up time	As fast as 20 sec
What is in the box footnote	[2] HP Black Original LaserJet Tank Imaging Drum (introductory ~5,000 page black toner yield provided). For yield information included with your printer, see http://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[1] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. [2] Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in

all countries. See details: HPSmart.com at Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.

[2] HP Black Original LaserJet Tank Imaging Drum (introductory ~5,000 page black toner yield provided). For yield information included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[3] Declared yields based on 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/toneryield>

[4] Wi-Fi Direct® footnote: Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

[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.

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Reload Kits

HP 153A Black Original LaserJet Tank Toner Reload Kit	W1530A
HP 153X Black Original LaserJet Tank Toner Reload Kit	W1530X
HP 154A Black Original LaserJet Tank Toner Reload Kit	W1540A
HP 154X Black Original LaserJet Tank Toner Reload Kit	W1540X
HP 158A Black Original LaserJet Tank Toner Reload Kit	W1580A
HP 158X Black Original LaserJet Tank Toner Reload Kit	W1580X

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