

Specifications

SKU

Sku	4RY22A
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PRINT

Print speed, black	21 - 30
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Color output	Black and white
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CATEGORY

Product type	Laser printers, Multifunction printers
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Family brand	LaserJet
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USAGE

Perfect For	Home
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Usage	Small work team
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FEATURES

Functions	Print only
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DISPLAY SPECIFICATIONS

Display HP	LED
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ENVIRONMENTAL

Acoustic pressure emissions bystander (active, printing)	51 dB(A)
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Operating humidity range	10 to 80% RH
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Storage temperature range	-20 to 40°C
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Operating temperature range	15 to 32.5°C
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Acoustic power emissions	6.5 B(A)
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Recommended operating temperature range	17.5 to 25°C
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Acoustic power emissions (ready)	2.6 B(A)
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Acoustic pressure emissions bystander (ready)	26 dB(A)
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CARTRIDGES AND PRINTHEADS

Technology	Laser
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Replacement cartridges	HP 103A Black Original Neverstop Laser Toner Reload Kit (Yield ~2500 pages); HP 103AD Dual pack Black Original Neverstop Laser Toner Reload Kit(Yield ~2x2500 pages) ;HP 104A Black Original Laser Imaging Drum(includes ~5000 pages of inbox toner, useful life of ~20000 pages)
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Supplies feature	HP Neverstop Laser Technology
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PRINT SPEED

Print speed black (normal, letter)	Up to 21 ppm
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Print speed black (normal, A4)	Up to 20 ppm
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Print speed	Print speed up to 21 ppm (black)
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BATTERY AND POWER

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)
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Power Consumption	365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off)
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Power supply type	Internal (built-in) Power Supply
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PRINT TIME

First page out black (letter, ready)	As fast as 7.6 sec
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First page out black (A4, ready)	As fast as 7.6 sec
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First page out black (letter, sleep)	As fast as 14 sec (15 min)
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PRINTER SPECIFICATIONS

Duty cycle (monthly, letter)	Up to 20,000 pages
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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.
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Functions	Print
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Print languages	PCLmS; URF; PWG
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Paper trays, maximum	1 input tray
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Duty cycle (monthly, A4)	Up to 20,000 pages
Paper trays, standard	1 input tray
Recommended monthly page volume	250-2500
Print technology	Laser
Duplex printing	Manual (driver support provided)
Automatic paper sensor	Yes
Printer management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)
Print colours	No
Target user and print volume	For teams up to 5 users; Prints up to 2,500 pages/month
CERTIFICATION AND COMPLIANCE	
ENERGY STAR® certified	Yes
Energy Efficiency Compliance	ENERGY STAR® qualified
Electromagnetic Emission Standard	EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN55024: 2010, EN 55032: 2012/AC: 2013, 47 CFR Part 15, Subpart B I ANSI C63.4-2009, ICES-003 Issue 5, KN32, KN35, GB/T 9254-2008, GB17625.1-2012, CISPR22: 2008, CISPR32: 2012,CNS 13438 (Other EMC approvals as required by individual countries.)

Safety Approvals and Requirements IEC 60950-1: 2005 +A1: 2009 +A2 2013 (International); EN 60950-1: 2006 +A11: 2009 +A1: 2010 +A12: 2011 +A2: 2013 (EU); IEC/EN 60825-1: 2014 (Class 1 Laser Product); EN 62479: 2010 /IEC 62749: 2010; Low Voltage Directive 2006/95/EC with CE Mark (Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10;

Environmental Mercury-free

Blue Angel compliant No, please refer to the ECI (Ecolabel Comparison Information) document

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

GEOGRAPHIC

Country of origin Made in China (WW except for option code #696, #697,#AC8); Made in Brazil (Option code #696, #697, #AC8)

WARRANTY

Warranty 1 Year Onsite Warranty

DIMENSIONS

Dimensions without stand (W x D x H) 380.5 x 293.4 x 211 mm

Package dimensions (W x D x H) 475 x 290 x 420 mm

Maximum dimensions (W x D x H) 380.5 x 465 x 445 mm

Minimum dimensions (W x D x H) 14.98 x 14.63 x 8.31 in

Package dimensions (W x D x H) 18.7 x 11.42 x 16.54 in

Maximum dimensions (W x D x H)	14.98 x 18.31 x 17.52 in
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WEIGHTS

Weight	6.93 kg
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Package weight	8.7 kg
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Weight note (metric)	Weight varies as per configuration
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Package weight	19.18 lb
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CONNECTIVITY AND COMMUNICATIONS

Connectivity, standard	Hi-Speed USB 2.0 port
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Wireless capability	No
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PRINTING MEDIA HANDLING

Output capacity	Up to 100 sheets
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Maximum output capacity (sheets)	Up to 100 sheets
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Media type and capacity, tray 1	Sheets: 150; Envelopes: 1
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Paper handling input, standard	150-sheet input tray
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Input capacity	Up to 150 sheets
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Paper handling output, standard	100-sheet output bin
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Maximum input capacity (sheets)	Up to 150 sheets
Standard input capacity (envelopes)	Up to 1 envelope
SYSTEM COMPONENTS	
Control panel	LED
PROCESSOR	
Processor speed	500MHZ
MEMORY	
Memory	32 MB
Memory, maximum	32 MB
BOX CONTENTS	
Cable included	Yes. 1 USB Cable (AP Only). Other regions: Please purchase USB cable separately
What is in the box footnote number	[1] HP Black Original Laser Imaging Drum (introductory ~5,000 page black toner yield provided, with ~20,000 page Imaging Drum useful life). Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies
SUPPORTED PRINTING MEDIA	
Media sizes supported	A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 to 215.9 x 297 mm
Media size, tray 1	A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 to 215.9 x 297 mm
Media weight, supported	60 to 120 g/m²
Media types	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope

Media weight (tray 1)	60 to 120 g/m²
Media sizes, custom	105 x 148.5 to 215.9 x 297 mm
Media sizes supported, key	Letter; Envelopes
Media sizes supported, key	A4; Envelopes
Media weight, supported	14 to 27 lb
Media sizes supported	Letter; envelopes (No.10); custom
Media sizes, custom	4.13 x 5.85 to 8.5 x 11.69

SYSTEM REQUIREMENTS

Minimum System Requirements for Macintosh	Apple®OS X EI Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB
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.

SOFTWARE AND APPLICATIONS

Driver updates	Latest supported operating systems and print drivers available at https://support.hp.com
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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/e##BLANK##ds/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)

Mac compatible Yes

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 Product Improvement Study. For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Soure for LaserJet Software)

SUPPORTED OPERATING SYSTEMS

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. Apple®OS X EI 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 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 EI 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>)

Operating system (supported note) Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit). 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.

PRINT RESOLUTION

Print quality black (normal)	Up to 600 x 600 x 2 dpi
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Print quality black (best)	Up to 600 x 600 x 2 dpi
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Print resolution black (fine lines)	Up to 600 x 600 dpi
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RACK AND POWER SPECIFICATIONS

Typical electricity consumption (TEC) number	ES: 0.710 kWh/Week
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Number of users	1-5 Users
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Typical electricity consumption (TEC) footnote number	[2] 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 115 V device.
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PRINT AREA

Right margin (A4)	2 mm
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Top margin (A4)	2 mm
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Bottom margin (A4)	2 mm
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Left margin (A4)	2 mm
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SERVICES

**Services
(Care
Pack)**

**UB4Z0E - HP 2y Onsite Exchange NS L 1xxx SVC;
UB4Z1E - HP 3y Onsite Exchange NS L 1xxx SVC;
UB4Z2E - HP 4y Onsite Exchange NS L 1xxx SVC;
UB4Z3E - HP 2y NBD Exchange NS L 1xxx SVC;
UB4Z4E - HP 3y NBD Exchange NS L 1xxx SVC;
UB4Z5E - HP 4y NBD Exchange NS L 1xxx SVC;
UB4Z6E - HP 2y Std Exchange NS L 1xxx SVC;
UB4Z7E - HP 3y Std Exchange NS L 1xxx SVC;
UB4Z8E - HP 4y Std Exchange NS L 1xxx SVC;
UB4Z9E - HP 2y Return to Depot NS L 1xxx SVC;
UB5A0E - HP 3y Return to Depot NS L 1xxx SVC;
UB5A1E - HP 4y Return to Depot NS L 1xxx SVC**

ADVANCED FEATURES

**Printer
smart
software
features**

HP Auto-On/Auto-Off, HP Smart App
