Specifications

SKU

Sku	**4ZB95A**

PRINT

Print speed, black	**11 - 20**
Color or black	**Color**
Print speed, color	**<=10**

CATEGORY

Product types	**Laser printers**
Family brand	**LaserJet**

USAGE

Perfect for	**Business**

FEATURES

Features	**Optional high-capacity trays**
Functions	**Print only**

PRINTING MEDIA HANDLING

Finished output handling	**Sheetfed**
Output capacity	**Up to 50 sheets**

Maximum output capacity (sheets)	**Up to 50 sheets**
Media type and capacity, tray 1	**Sheets (75 g/m²): 150**
Paper handling input, standard	**150-sheet input tray**
Input capacity	**Up to 150 sheets**
Paper handling output, standard	**50-sheet output bin**
Maximum input capacity (sheets)	**Up to 150 sheets**

DISPLAY SPECIFICATIONS

Display	**LED**

CARTRIDGES AND PRINTHEADS

Technology	**Laser**
Number of print cartridges	**4 (1 each black, cyan, magenta, yellow)**

Replacement cartridges	HP 116A Original Laser Toner Cartridge (~1000/~700 pages) W2060A/W2061A/W2062A/W2063A (AMS); HP 117A Original Laser Toner Cartridge (~1000/~700 pages) W2070A/W2071A/W2072A/W2073A (EMEA); HP 118A Original Laser Toner Cartridge (~1000/~700 pages) W2080A/W2081A/W2082A/W2083A (China Only); HP 119A Original Laser Toner Cartridge (~1000/~700 pages) W2090A/W2091A/W2092A/W2093A (APJ excl China); Drum WW (less China) W1120A; Drum (China only) W1132A

PRINT SPEED

Print speed black (normal, letter)	Up to 19 ppm
Print speed black (normal, A4)	Up to 18 ppm
Print speed colour (normal, A4)	Up to 4 ppm
Print speed	Print speed up to 19 ppm (black) and 4 ppm (color)
Print speed color (normal, letter)	Up to 4 ppm

BATTERY AND POWER

Power	110-volt input voltage: 110 to 127 VAC, 50/60Hz and 220-volt input voltage: 220 to 240 VAC, 50/60Hz

Power Consumption Description	**Active Printing: 282 W, Ready: 27 W, Sleep: 1.0 W, Manual off: 0.2 W, Auto off/Manual on: 0.2 W**
Power supply type	**Internal (built-in) Power Supply**

PRINT TIME

First page out black (letter, ready)	**As fast as 12.4 sec**
First page out black (A4, ready)	**As fast as 12.4 sec**
First page out color (A4, ready)	**As fast as 25.3 sec**
First page out color (letter, ready)	**As fast as 25.3 sec**
First page out black (letter, sleep)	**As fast as 13 sec (15 min)**
First page out black (A4, sleep)	**As fast as 13 sec (15 min)**

First page out color (letter, sleep)	**As fast as 26 sec (15 min)**
First page out color (A4, sleep)	**As fast as 26 sec (15 min)**

PRINTER SPECIFICATIONS

Duty cycle (monthly, letter)	**Up to 20,000 pages**
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 Laser or HP Color Laser devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.**
Functions	**Print**
Print languages	**SPL**
Paper trays, maximum	**1**
Duty cycle (monthly, A4)	**Up to 20,000 pages**
Paper trays, standard	**1**
Recommended monthly page volume	**100 to 500**

Print technology	**Laser**
Duplex printing	**Manual (driver support provided)**
Warm-up time	38 sec
Automatic paper sensor	No
Print colours	Yes
Target user and print volume	**For teams up to 5 users; Prints up to 500 pages/month**

CERTIFICATION AND COMPLIANCE

ENERGY STAR® certified	**No**
Energy Efficiency Compliance	**CECP**
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); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10; Compliance with Laser safety standards 21 CFR 1002.10 and 1002.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries
Environmental	Mercury free

GEOGRAPHIC

Country of origin	Product of China (150nW series and cartridges)

ENVIRONMENTAL

Operating humidity range	10 to 80% RH (non-condensing)
Storage temperature range	-20 to 40°C
Operating temperature range	10 to 30°C
Acoustic power emissions	6.5B (A) (printing at 18 ppm with Mono mode); 6.1B (A) (printing at 4 ppm with Color mode)
Recommended operating temperature range	15 to 27°C

WARRANTY

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

DIMENSIONS

Dimensions without stand (W x D x H)	**382 x 309 x 211.5 mm**
Package dimensions (W x D x H)	**471 x 413 x 305 mm**
Maximum dimensions (W x D x H)	**382 x 397.8 x 274.4 mm**

WEIGHTS

Weight	**10.04 kg**
Package weight	**12.52 kg**

CONNECTIVITY AND COMMUNICATIONS

Connectivity, standard	**Hi-Speed USB 2.0 port, Fast Ethernet 10/100Base-TX network port, Wireless 802.11 b/g/n**
Network capabilities	**Via built-in 10/100 Base-TX networking**
Wireless capability	**Yes, built-in Wi-Fi 802.11b/g/n**
Mobile printing capability	**Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing**

Network protocols, supported	**Via built-in networking solution: TCP/IP, IPv4, IPv6; print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), WSD; discovery: SLP, Bonjour, WS-Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); management: SNMPv1/v2/v3, HTTP**

SYSTEM COMPONENTS

Control panel	**4 Buttons (Wireless, Resume, Cancel, Power): LED indicator lights (Attention, Power, Wireless, C/M/Y/K Toner Gauge)**

PROCESSOR

Processor speed	**400 MHz**

MEMORY

Memory	**64 MB**
Memory, maximum	**64 MB**

BOX CONTENTS

Cable included	**1 USB PC to Printer (AP), 1 USB PC to Printer (WiFi bundle only for EMEA, AMS)**

SUPPORTED PRINTING MEDIA

Media sizes supported	**Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340; Tray2: Not supported; Optional Automatic duplexer: Not supported**
Media size, tray 1	**A4; A5; A6; B5 (JIS); Oficio 216x340; 76 x 148.5 to 216 x 356 mm**
Media weight, supported	**60 to 220 g/m²**
Media types	**Plain, Light, Heavy, Extra Heavy, Colored, Preprinted, Recycle, Labels, Bond, Glossy**

Media weight (tray 1)	**60 to 220 g/m²**
Media sizes, custom	**76 x 148.5 to 216 x 356 mm**
Media sizes supported, key	**10 x 15 cm; A4**

SYSTEM REQUIREMENTS

Minimum System Requirements for Macintosh	**OS X v10.11 or newer, 1.5 GB HD, Internet, USB**
Minimum System Requirements	**Windows 7 or newer, Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD**

SOFTWARE AND APPLICATIONS

Driver updates	**Latest supported operating systems and print drivers available at https://support.hp.com**
Downloadable software	**V3 Print Driver with Lite SM, Printer Manager (for USB only model)**
Mac compatible	**Yes**
Software included	**Common Installer, V3 Print driver with Lite SM**

SUPPORTED OPERATING SYSTEMS

Compatible Operating Systems	**Windows®: 7 (32/64 bit), 2008 Server R2, 8 (32/64 bit), 8.1 (32/64 bit), 10 (32/64 bit), 2012 Server, 2016 Server, macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan**

Compatible network operating systems	**Windows®: 7 (32/64 bit), 2008 Server R2, 8 (32/64 bit), 8.1 (32/64 bit), 10 (32/64 bit), 2012 Server, 2016 Server, macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan**
Operating system (supported note)	**Windows 7 or higher**

PRINT RESOLUTION

Print quality black (normal)	**600 x 600 dpi**
Print quality black (best)	**600 x 600 dpi 4 bits**
Print quality color (best)	**600 x 600 dpi 4 bits**
Print resolution color (normal)	**600 x 600 dpi**

RACK AND POWER SPECIFICATIONS

Typical electricity consumption (TEC) number	**0.873 kWh/Week (BA), 0.988 kWh/Week (ES)**
Number of users	**1-5 Users**

PRINT AREA

Maximum print area	216 x 356 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm

SERVICES

Services (Care Pack)	UB4W6E - HP 2 year Onsite Exchange Service for Color Laser 15x and 17x MFP; UB4W7E - HP 3 year Onsite Exchange Service for Color Laser 15x and 17x MFP; UB4W8E - HP 4 year Onsite Exchange Service for Color Laser 15x and 17x MFP; UB4W9E - HP 2 year Next Business Day Exchange Service for Color Laser 15x and 17x MFP; UB4X0E - HP 3 year Next Business Day Exchange Service for Color Laser 15x and 17x MFP; UB4X1E - HP 4 year Next Business Day Exchange Service for Color Laser 15x and 17x MFP; UB4X2E - HP 2 year Standard Exchange Service for Color Laser 15x and 17x MFP; UB4X3E - HP 3 year Standard Exchange Service for Color Laser 15x and 17x MFP; UB4X4E - HP 4 year Standard Exchange Service for Color Laser 15x and 17x MFP; UB4X5E - HP 2 year Return to Depot Service for Color Laser 15x and 17x MFP; UB4X6E - HP 3 year Return to Depot Service for Color Laser 15x and 17x MFP; UB4X7E - HP 4 year Return to Depot Service for Color Laser 15x and 17x MFP

ADVANCED FEATURES

Printer smart software features	Manual duplex, Booklet print, N-up printing, skip blank pages, Collation, Poster print, Watermarks, Accepts a variety o paper sizes and types

Energy savings feature technology	**HP Auto-Off Technology; Power save**

SECURITY MANAGEMENT

Security management	**Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPSec; Filtering: MAC, IPv4, IPv6**

COMPATIBILITY

Orderable supplies	**HP 120A Original Laser Imaging Drum for WW W1120A, HP 132A Original Laser Imaging Drum for China W1132A, HP Laser Toner Collection Unit for WW 5KZ38A, HP Laser Toner Collection Unit for China 5LX86A**