# HP LaserJet Pro MFP 3103fdn/fdw Printer series

Get fast printing speeds, high-volume scanning, and easy management tools with LaserJet Pro. Get fast printing speeds, high-volume scanning, and easy management tools with Laser Jet Pro.





This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness Seamless management. of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled

cartridges. More at: www.hp.com/learn/ds

### Powerful productivity.

- Support your small workteams with this laser printer, designed for up to 7 users.
- Print more efficiently. You can save time, paper, and costs with duplex speeds at 35 ppm.<sup>1</sup>
- Get productivity in the palm of your hand. Print, scan, and save time with Shortcuts from HP Smart.
- - Centralize your print management. HP Web Jetadmin makes it easy with its suite of features. 4
  - Set up your printers quickly. Streamlined setup makes it easy to set up and get back to business.
  - Help protect your printer. Self-heal Wi-Fi detects anomalies and reboots automatically to prior safe state. <sup>8</sup>

#### HP Wolf Pro Security.

- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.
- Set configuration policies and validate settings universally with HP JetAdvantage Security Manager.

### Product walkaround

### HP LaserJet Pro MFP 3103fdw Printer

- 1. Built for the small workteams of up to 7 users
- 2. Pre-configured security settings
- 3. Automatic 2-sided printing
- 4. Fast printing, up to 33 ppm A4, 250-sheet standard paper capacity
- 5. Dual-band  $\rm WiFi^{\otimes}$  with self heal, USB and Ethernet
- 6. Cassette type input tray



### Series at a glance



Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer	
Product number	3G631A	3G632A	
Function	Print, cop	Print, copy, scan, fax	
Print speed	Up to 3	Up to 33 ppm A4	
Security	HP Wolf F	HP Wolf Pro Security	
Connectivity	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz; BLE	

# Configurable Items, Accessories, Supplies and Support

Supplies	W1450A HP 145A Black Original Laser Jet Toner Cartridge (Average cartridge yields 1,700 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
	W1450X HP 145X High Yield Black Original LaserJet Toner Cartridge (Average cartridge yields 3,800 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Service and Support	UH773E HP 3 Year Onsite Exchange Service For LaserJet Printers UH757E HP 3 Year Next Business Day Exchange Service For LaserJet Printers UH764E HP 3 Year Return to Deport Service for LaserJet Printers

## Technical specifications

Preduct number         36631A         166312A           Functions         Print, copy, scan, fee Control panel         2,77 CGD, Touch Screen, 3 LED buttons (Back, Home, Info)           Print technology         Later           Print technology         Later           Print technology         Back (AA, normal) Up to 33 gpm; Back (AA, dapled) Up to 20 gpm           Print securities         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) Up to 20 gpm           Print resolution         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) Up to 20 gpm           Print resolution         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) Up to 20 gpm           Print resolution         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) Tup to 20 gpm           Print resolution         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) A for fast as 0.7 soc:           Print resolution         Black (AA, normal) Up to 33 gpm; Back (AA, dapled) Tup to 20 gpm; Back (AA, dapled) Up to 32 gpm; Back (AA, step) AA, Texa, Back Scan, Social Tup, Print always work, Print anyerse           Sector and type=fast         Up to 50,000 ppgs; AA, Recommended monthly ppgs ppg volume: 350 to 2500 ppgs;           Sector and type=fast         Print ranging to 2, 423 mm; Bottom: 4.23 mm; Rept: 4.23 mm; Rept: 4.23 mm; Moximum print area; 207 x 348 mm           Duples printing         Automatic Estandard)         Deprint advack (AP, Up to 120 ppm; Diskou, up to 8 ppm follow)           Copy spgeed	Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer	
Functions         Invit Coop, son, fax           Carteria panel         2,7° CGE, Touch's Screen, 3 LED buttoms (Back, Home, Infe)           Print         Laser           Print secon <sup>1</sup> Black (MA, compa) (b) (p) 0.33 ppm; Black (MA, dupled) Up to 20 ppm           Print secon <sup>1</sup> Black (MA, compa) (b) (p) 0.33 ppm; Black (MA, dupled) Up to 20 ppm           Print resultion         Black (MA, compa) (b) (p) 0.33 ppm; Black (MA, dupled) Up to 20 ppm           Print resultion         Black (MA, compa) (b) (p) 0.33 ppm; Black (MA, dupled) Up to 20 ppm           Print resultion         Black (MA, compa) (b) (p) 0.33 ppm; Black (MA, dupled) Up to 20 ppm           Print resultion         Black (MA, duple) (b) (p) 0.33 ppm; Black (MA, duple) (b) (p) 0.70 ppm           Print resultion         Black (MA, Duple) (AA, Recommended monthly page volume 250 to 2500 pops           Print resultion         Black (AA): Up to 10.20 ppm; Black (MA, Stepp P, HD)           First stand print Intragraps (p) ep, 25 pm; BP, DRP, PRP.           First stand print Intragraps (p) ep, 25 pm; BP, DRP, PRP.           Copy         Black (AA): Up to 10.20 ppm; Black (PA, Duple) (B) Print Maker, Page Copy, Collation; Quality; Maximum number of copies: Up to 500 ppm; Second ppm; Black (PA, Duple) (B) Print Maker, Page Copy, Collation; Quality; Maximum number of copies: Up to 500 ppm; Second ppm; Black (PA, Duple) (B) Print Maker, Page Copy, Collation; Quality; Maximum number of copies: Up to 500 ppm; Second ppm; Black (PA, Dupm), Black (PA, Duple) (B) Print Maker, Page Copy, C				
Control panel         2.7° CGD, Touch Science 3 LED buttors (Book, Home, Info)           Print Exhibition         Laser           Print Exhibition         Laser           Block (An, moral) Up to 13 ppm : Block (Ad, duple / Lt to 20 pm           Inter specification         Block (Ad, moral) Up to 12 ppm : Block (Ad, duple / Lt to 20 pm           Print Exhibition         Block (Ad, moral) / So facts in 2.0 sec; Block (Ad, duple / Lt to 20 pm           Print Exhibition         Block (Ad, moral) / So facts in 2.0 sec; Block (Ad, duple / Lt to 20 pm           Print Exhibition         Block (Ad, moral) / So facts in 2.0 sec; Block (Ad, duple / Lt to 20 pm           Print Exhibition         Block (Ad, Duple / Lt to 1200 a r.200 and Exhibition / Lt to 120 pm / Block (Ad, duple / Block / Block (Ad, duple / Blo			SGOSZA	
Print         Laser           Print technology         Laser           Print technology         Black (AA, normal) Up to 33 ppm; Black (AA, duplex) Up to 20 ipm           Print solution         Black (AB, normal) Up to 33 ppm; Black (AA, duplex) Up to 20 ipm           Print solution         Black (AB, normal) Up to 33 ppm; Black (AA, duplex) Up to 20 ipm           Print solution         Black (AB, normal) Up to 33 ppm; Black (AA, duplex) Vp to 500 pages           Print solution         Black (AB, normal) Up to 33 ppm; Black (AA, duplex) Vp to 300 pages           Print solution         Black (AB, ppm; VPG, PDF; URF; PVG, PCLm           Print solution         Black (AB, Normal) Up to 33 ppm; Black (AB, duplex) PPF URF; PVG, PCLm           Print solution         Black (AB, Up to 1015           Print solution         Black (AB, Up to 1015           Print solution         Black (AB, Up to 33 ppm; Black (AB, Up to 32 ppm; DB, URF; PVG, PCLm           Corp         Black (AB, Up to 33 ppm; Black (AB, Up to 32 ppm; DB, URF; PVG, PCLm           Corp         Black (AB, Up to 32 ppm; DB, URF; PVG, PCLm           Corp         Black (AB, Up to 32 ppm; DB, URF; PVG, PCLM, PDF; URF; PVG, PCLM           Soan Specifications         Black (AB, Up to 32 ppm; DB, URF; PVG, PCLM, PDF; PVG, PCLM, PDF; PVG, PCLM, PDF; PVG, PCLM, PDF; PVG, PCLM,				
Print technology       Laser         Print specol <sup>10</sup> Black (AA, romol) Up to 33 pm; Black (Ad, duplex) Up to 20 pm         Print resolution       Black (AA, ready A: fast as 7.0 soc; Black (Ad, duplex) Up to 20 pm         Print resolution       Black (AA, ready A: fast as 7.0 soc; Black (Ad, duplex) Up to 200 pm (200 pm)         Print resolution       Black (BA: ready A: fast as 7.0 soc; Black (Ad, duplex) Up to 200 pm)         Print resolution       Black (BA: ready, A: Recommends Control type Gondon Enhancement technology (0E1); PoRes 1200         Print manipages       Print ready (DF); PV (DF); PV (F);		2.7 CGD; TOUCH Screen; 3 LED BUTTONS (Back, Home, Info)		
Print speet         Black (AA, normal) Up to 33 poin; Black (AA, dateght Ar, faste ak 7.0 sec;           First page out <sup>4</sup> Black (AA, normal) Up to 33 poin; Black (AA, dateght Ar, faste ak 7.0 sec;           First page out <sup>4</sup> Black (bard, log to 1200 x 1200 dp;; Edenology 6006; bith Resolution Enhancement technology (RE1); Pages 1200           Monthly dxity cycle         Up to 30000 pages AA, Recommended monthly page valume 350 to 2300 pages           Monthly dxity cycle         Up to 30000 pages AA, Recommended monthly page valume 350 to 2300 pages           Standard print languages         PLCsc-PLLB, PS-PLLm; PIP-UBF; PMX-PLLm           Standard print languages         PLCsc-PLLB, PS-PLLm; PIP-UBF; PMX-PLLm           First area         Print margins Top: 4.23 mm, Bottom: 4.23 mm, Right: 4.23 mm;				
First page quifé         Black (AA, ready): AS first or 3.0 set; Black (Ad, sep): AS first or 8.1 set;           Print resolution         Black (bes): Up to 1200 x1200 doi: Technology: 600dpi with Resolution Enhancement technology: (AE): ProRes 1200           Monthly duty cycle         Up to 50,000 pages A4; Recommended monthly page volume: 35 to 2500 pages           Printer sent software features         Automatic duplex, Fasy: 000F; Scan Destinations, Smart scurity, Print aways work, Print anywhere           Standard print transpages         PLSLS; PLCE, PSP, UE, PLCE,				
Bits resolution         Black Rbsst) Up to 1200 x 1200 dpi: Technology: 600dp with Resolution Enhancement technology (REI); ProRes 1200           Monthy duty cycle         Up to 5,000 pages A4; Recommended monthy page volume 350 of 2500 pages           Printer smart software features         Automatic displace, Ray (DBP); Stand	-			
Monthly duty cycle         Up to 50,000 pages A8, Recommended monthly page volume: 350 to 2500 pages           Printer samt software features         Automatic duplex, Easy COBE, Scan Destinations, Smart security, Print aways work, Print anywhere           Standad print tangages         PLCLS PCLE, FPCLE, FPCLE, FPCLE, PPCLE,				
Printer smart software features         Automatic duplex, Easy 008E, Scan Destinations, Smart security, Print always work, Print anywhere           Standard print languages         PCLS_CPLS_PS, PLL_MS, PUP; URF, PWG, PULM           Find tarea         Print margins lop, 4.2.3 mm, Bottom: 4.2.3 mm, Right: 4.2.3 mm, Right: 4.2.3 mm, Maximum print area: 207 x 348 mm           Daplex printing         Automatic (standard)           Copy         Copy speed           Sandard of the scalable Truncargins lop, 4.2.3 mm, Bottom: 4.2.3 mm, Right: 4.2.3 mm, Maximum print area: 207 x 348 mm           Daplex printing         Automatic (standard)           Copy speed         Black (Ad): Up to 33 cpm           Copies specifications         Number of Copies: Lighter/Drafter: Enhancements: Binding Margin; Paper; Multi-Page Copy, Collation, Quality : Moximum number of copies: Up to 990 copies.           Scanner specifications         Description, Paper, ADE, Riabel, Scan technology, CG, Scan input modes HP Smart App; and user applications via Twain, Twain version: Version 2.1; Duplical ADE scanning Nic, Optical scan technology, CG, Scan input modes HP Smart App; and user applications via Twain; Twain version: 2.1; Duplical ADE scanning Nic, Optical scan technology, CG, Scan input modes HP Smart App; and user applications via Twain, Twain version: 2.1; Duplical ADE scanning Nic, Optical scan technology, CG, Scan input modes HP Smart App; and user applications wian; Twain version: 2.1; Duplical ADE scanning Nic, Optical Scan technology, CG, Scan input modes HP Smart App; and user applications wian; Twain version: 2.1; Duplical ADE scanning Nic, Optical ADE scanning Nic, Optical Scan technology, CG, Sc				
Standard print languages         PCLSC: PCLG: PS: PCL:nS; PDF; URF; PWG; PCLm           Forts and typeExces         P4 scalable TrueType Forts           Print area         Print margins Dig 2.3 mm, Bettom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm, Maximum print area: 207 x 348 mm           Diglex printing         Automatic (standard)           Copy speed         Black (A4): Up to 33 cpm           Copier specifications         Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Peper; Multi-Pege Copy; Collation; Quality; Maximum number of copies; Up to 999 copies; Reduce/Flange 2.4 to 400%.           Scan specifications         Normal (A4): Up to 13 ppm (b&w), up to 8 ppm (color)           Scan specifications         JPG; TIFF; RPG; PDF; A           Scan specifications         Scanner type: ADF; Table; Cash technology, US; Scan input modes: HP Smart App; and user applications via Twain version: 2.1; Duplex AB scannes); Vac Optical Scan technology, US; Scan input modes: HP Smart App; and user applications via Twain, Wain version: 2.1; Duplex AB scannes); Vac Optical Scan technology, US; Scan input modes: HP Smart App; and user applications via Twain, Red Optical Scan technology, US; Scan input modes: HP Smart App; 216 v. 356 mm           Bit depth/ Grey scale levels         Z4-bit / 256           Fax         Pes           Processor speed         Boo MH;           Connectivity         Pis Smart App; Apple APPintint**, Mopria** Centified           Pis Smart App; Apple APPineret. Mode; LPO; SLP; Bon; Jue Pis OP; Apple APPintint**, Mopria				
Fants and typefaces       84 scalable TrueType Fonts         Print area       Print margins Top: 4.2 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 207 x 348 mm         Duplex printing       Automatic (standard)         Copy       Black (Ad): Up to 33 cpm         Copy specifications       Block (Ad): Up to 33 cpm         Son       Son         Scan specifications       Son (FR, KYS, DG, PDFA)         Scan Figure 7, Bit (Ad): Up to 19 ppm (baw), up to 8 ppm (color)       Scan specifications         Scanner specifications       Son (FR, KYS, DG, PDFA)         Scanner specifications       Scanner specifications (D, Batbeld, Scan technology, CG, Scan Input modes: HP Smart App; and user applications via Twain; Twain version; Version 2.1; Duplex AUF scanning: No, Optical scan resolution; Up to 300 dpi (color and monn, AIF); Up to 1200 dpi (color and monn, Ratbeld)         Scannable area       Maximum media size (Rabbel, 216 x 297 mm; Minimum media size (ADF); 148 x 210 mm Maximum media size (ADF); 216 x 356 mm         Scannable area       Textmany, Up to 500 pages; Fax resolution; Standard; 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing; Up to 300 wink?         Fax memory. Up to 500 pages; Fax resolution; Standard; 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing; UP Smart App; Apple AirPint1 <sup>m</sup> ; Morphal <sup>m</sup> (Certified)         Tor/100Mbps Ethernet.       114 Specid USD dwice Compatible with USD 2.0 specifications;       114 Specid				
Print margins Top: 4.23 mm, Bottom: 4.23 mm, Right: 4.23 mm, Right: 4.23 mm, Maximum print area: 207 x 348 mm           Duplex printing         Automatic (standard)           Copy         Copy speed         Black (A4): Up to 33 cpm           Copie specifications         Number of Copies; Light-gr/Danker, Enhancements; Binding Margin; Paper; Multi-Page Copy, Collation; Quality; Maximum number of copies: Up to 599 copies; ReducedEnlarge: 25 to 400%           Scan specifications         Normal (A4): Up to 19 ppm (b8w), up to 8 ppm (color)           Scan specifications         Description (A4): Entry RS, PDF; PDF/M           Scannet format         JPG; TITF; NS, PDF; PDF/M           Scannet work         Scannet Scan sepacifications           Scannet Variant         Maximum media size (fatbed); 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm           Recommended monthly scan volume         150 to 1500           Fax         Scannet Prevent           Red         Yes,           Fax         Yes,           Fax         Processor speed           Boo MHz         Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers           Verse         Verse           Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up 200 mumbers				
Duplex printing         Automatic (standard)           Copy         Edges           Copy speed         Black (A4): Up to 33 cpm           Copy speed         Black (A4): Up to 33 cpm           Copy speed         Normal (A2): Up to 19 ppm (D8/W), up to 8 ppm (color)           Scan pred <sup>10</sup> Normal (A2): Up to 19 ppm (D8/W), up to 8 ppm (color)           Scan file format         JPG, TIER XPS, DIC PD7/A           Scanner speedfications         Scanner type, ADF, [labled; Scan technology CIC; Scan input modes: HP Smart Aug: and user applications with Twain, Warsion 2.1: Duplex/OF scanning Nrc, Optical scan resolution: Up to 300 optic/coor and mono, ADF); Up to 1200 optic/coor and mono, Rabbes?           Recommended monthly scan volume         150 to 1500           Scanner speedfications         Maximum media size (flabbed); 216 x 297 mm; Minimum media size (ADF); 143 x 210 mm Maximum media size (ADF); 216 x 356 mm           Bit deepti/ Gray scale levels         24 - bit 7256           Ric         Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpt; Fine: Up to 203 x 196 dpt; Superfine: Up to 300 x 300 dpt; Quick dialing: Up Processor speed           Boo minuter         Fax memory: Up to 500 pages; Fax resolutions; Up to 202 x 98 dpt; Fine: Up to 203 x 196 dpt; Superfine: Up to 300 x 300 dpt; Quick dialing: Up Processor speed           Boo minuter         Standard         114-Speed USB 2.0 (device); Ethernet: 10/100 BT; Wireless B02.11blg/f)           Supported network protocols <td></td> <td colspan="3">84 scalable TrueType fonts</td>		84 scalable TrueType fonts		
Copy         Copy           Copy speed         Black (A4): Up to 33 cpm           Copier specifications         Number of copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality; Maximum number of copies; Up to 399 copies; Reduce/Enlarge: 25 to 400%.           Scan         Scan speed <sup>®</sup> Scan speed <sup>®</sup> Normal (A4): Up to 19 ppm (b&w), up to 8 ppm (color)           Scan speedfications         Scaner specifications           Scaner specifications         Scaner specifications           Scanner specifications         Scaner specifications with specifications (boto 1500 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, Itatice)!           Recommended monthly scan volume         150 to 1500           Scannets zero         24-bit / 256           Fax         Tex           Fax <sup>1</sup> Yes,           Fax <sup>1</sup> Yes,           Fax <sup>1</sup> Yes,           Fax <sup>1</sup> Yes,           Fax <sup>2</sup> Yes,           Fax <sup>1</sup> Yes,           Fax <sup>1</sup> Yes,           Fax <sup>2</sup> Yes,           Fax <sup>2</sup> Yes,           Fax <sup>2</sup> Yes,           Fax <sup>4</sup> Yes,           Fax <sup>4</sup> Yes,           Fax <sup>4</sup>	Print area	Print margins Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 207 x 348 mm		
Copy speed         Black (A4): Up to 33 cpm           Copier specifications         Number of Copies: Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality ; Maximum number of copies: Up to 990 cpies; Reduce/Enlarger. 24 to 400%           Scan speed <sup>®</sup> Normal (A4): Up to 19 ppm (b8w), up to 8 ppm (color)           Scan speed <sup>®</sup> JPG, TIFF, XPS, PDF, PDF/A           Scanner type ADF, filtabled; Scan technology; CIS, Scan input modes; HP Smart App; and user applications via Twain; Twain version: Version 2.1: Duplex ADF Scanning, No; Optical scan resolution: Up to 300 dpl (color and mone, ADF); Up to 1200 dpl (color and mone, filtabed)           Recommended monthily scan volume         1500           Scannable area         Maximum media size (Matbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm           Bit depth/ Grey scale levels         24-bit / 256           Fax         Fax           Fax <sup>1</sup> Yes;           Fax <sup>2</sup> Yes;           Fax <sup>3</sup> Yes;           Fax         Scannable           ConnectMity         11H-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/t           Dial band 2.4GHz/SGHz         No           Wireless         No           Mobile printing capability         HP Smart App; Apple AirPrint <sup>me</sup> ; Morpia <sup>me</sup> Certified           Mercas protocol         10/1000Mbps E	Duplex printing	Automatic (standard)		
Number of copies: Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy, Collation; Quality; Maximum number of copies: Up to 099 copies; Reduce/Enlarge: 25 to 400%           Scan         Normal (A4): Up to 19 ppm (b&w), up to 8 ppm (color)           Scan file format         JPG, TIF; KPS, PDF; PDF;A           Scanner specifications         Scanner type: ADF, flatbed; Scan technology; CIS; Scan Input modes; HP Smart App; and user applications via Twain; Twain version: Version 2.1: Duplex ADF scanning: No: Optical scan resolution: Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, ADF); Up to 120 dpi (color and mono, ADF); Up to 200 x 300 dpi; Quick dialing; Up to 200 are up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing; Up to 200 are up to 200 mumbers           Fax specifications         Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing; Up to 200 x 100 dpi (Superfine: Up to 300 x 300 dpi; Quick dialing; Up to 200 x 110/(100 Mbps; Ethernet:	Сору			
Sone         Sone           Scan         Scan speed <sup>8</sup> Normal (A4): Up to 19 ppm (b8w), up to 8 ppm (color)           Scan speed <sup>8</sup> JPG, TIFF, XPS, PDF, PDF/A         Scanner type, ADF, flatbed; Scan technology, CIS: Scan input modes HP Smart App; and user applications via Twain, Twain version: Version 2.1; Duplex ADF starning Nv, Optical scan resolution: Up to 300 dpl (color and mono, ADF). Up to 1200 dpl (color and mono, ADF). Up to 200 and 1200 dpl (color and mono, ADF). Up to 1200 dpl (color and mono, ADF). Up to 200 and 140 dpl (Color ADF). Up to 200 and 200 dpl (Color	Copy speed			
Scan speed <sup>®</sup> Normal (A4): Up to 19 ppm (b8w), up to 8 ppm (color)           Scan fiel format         UPC, TFF, XPS, PDF, PDF/A           Scanner specifications         Seamer type, ADF, flab.ed; Scan technology: CIS; Scan input modes: HD Smart App: and user application: via Twain, Twain version: Version 2.1; Duplex AIP Scanning his; Optical scan resolution: Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)           Recommended monthy scan volum         150 to 1500           Scanner specifications         Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm           Bit depth/ Grey scale levels         24-bit / 256           Fax         Tes,           Fax specifications         Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers           Processor speed         800 MHz           Connectivity         1 Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.         1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.1 1bg/n Dual band 2.4GHz/GFd.           Wireless         No         Yes         PB Smart App: Apple AirPrint™: Mopria™ Certified         PH Smart App: Apple AirPrint™: Mopria™ Certified           Mobile printing capability         HP Smart App: Apple AirPrint™: Mopria™ Certified         PH Smart App: Apple AirPrint™: Mopria™ Certified           Mobile printing capability </td <td>Copier specifications</td> <td colspan="3">Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality ; Maximum number of copies: Up to 999 copies ; Reduce/Enlarge: 25 to 400%</td>	Copier specifications	Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality ; Maximum number of copies: Up to 999 copies ; Reduce/Enlarge: 25 to 400%		
Scan file format       JPG, TIFE, XPS, PDF, PDF/A         Scanner specifications       Scanner type, XPF, faithed, Scan technology, CIS, Scan input modes: HP Smart App; and user applications via Twain, Twain version: Version 2.1; DUpLex ADF scanning; No; Optical scan resolution: Up to 300 dpi (color and mono, ADP); Up to 1200 dpi (color and mono, flatbed)         Recommended monthly scan volume       150 to 1500         Scannale area       Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm         Bit depth/ Grey scale levels       24-bit / 256         Fax       Fax         Fax       Fax         Fax       Yes,         Fax specifications       Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 mumbers         Processor speed       800 MHz         Connectivity	Scan			
Scanner type: ADF, flatbed: Scan technology: CIS: Scan input modes: HP Smart App; and user applications via Twain; Twain version: Version 2.1; Duplex ADF scanning. No; Optical scan resolution: Up to 300 dpi (color and mone, ADF). Up to 1200 dpi (color and mone, ADF). Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers           Fax         Fax         Fax         Fax         Fax         Fax           Fax         Fax         Fax         Fax         Fax         Fax           Fax         Fax         Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 300 x 300 dpi; Quick dialing: Up to	Scan speed <sup>8</sup>	Normal (A4): Up to 19 ppm (b&w), up to 8 ppm (color)		
Recommended monthly scan volume       150 to 1500         Scannable area       Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm         Bit depth/ Grey scale levels       24-bit / 256         Fax       Fax         Fax <sup>2</sup> Yes,         Fax specifications       Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers         Processor speed       800 MHz         Connectivity       1 Hi-Speed USB device (compatible with USB 2.0 specifications); Up to 000 Mps Ethernet.       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless D02.11b/g/t Dual band 2.4GHz/SGHz         Wireless       No       Yes         Mobile printing capability       HP Smart App: Apple AirPrint <sup>™</sup> ; Mopria <sup>™</sup> Certified       HP Smart App: Apple AirPrint <sup>™</sup> ; Mopria <sup>™</sup> Certified; Wireless Direct         Supported network protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Media handling       Standard: 1; Maximum: 11 Main Tray       Media handling       Standard: 1; Maximum: 12 Ma         Media handling       Standard: 1; Maximum: 12 Min Tray, Lapanese Envelope Chou H4; Envelope S5; Envelope C6; Envelope C6	Scan file format	JPG, TIFF, XPS, PDF, PDF/A		
Scannable area       Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm         Bit depth/ Grey scale levels       24-bit / 256         Fax       Fax         Fax <sup>3</sup> Yes,         Fax specifications       Pax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers         Processor speed       800 MHz         Connectivity       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n Dual band 2.4GHz/SGHz         Standard       HP Speed USB device (compatible with USB 2.0 specifications); Dual band 2.4GHz/SGHz         Wireless       No         Wolle printing capability       HP Smart App: Apple AirPrint <sup>TM</sup> ; Mopria <sup>TM</sup> Certified         Vers       10/100Mbps Ethernet:         Supported network protocols       TCP/IP: IPV4; IPV6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discover; BOCTP/ DHCP/ AutorP, WINS; SMMP v1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet:       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Wemory       Standard 1; Maximum: 12 MB       Media handling         Number of paper trays       Standard 1; Maximum: 12 MB         Media kapel       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcard; Poucle, Appi Ac, Etherole 2, ZO mm; 16K (197 x Z/3 mm; 11, ST 3; c	Scanner specifications	Scanner type: ADF, flatbed; Scan technology: CIS; Scan input modes: HP Smart App; and user applications via Twain; Twain version: Version 2.1; Duplex ADF scanning: No; Optical scan resolution: Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)		
Bit depth/ Grey scale levels       24-bit / 256         Fax       Fax         Fax3       Yes,         Fax specifications       Fax memory. Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers         Processor speed       800 MHz         Connectivity       Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/i         Wireless       No       Yes         Mobile printing capability       HP Smart App; Apple AirPrint <sup>TM</sup> ; Mopria <sup>TM</sup> Certified       HP Smart App; Apple AirPrint <sup>TM</sup> ; Mopria <sup>TM</sup> Certified; Wireless Direct         Supported network protocols       TCP/IP: IP44; IP46; IP Direct Mode; LP0; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Hard disk       no hard disk       Hermet       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Media handling       Standard: 1; Maximum: 1 Main Tray       Standard: 1; Maximum: 1 Main Tray         Media size       Commit (K195 x 270 mm); 16K (197 x 273 mm); 12 x13 cm; 10x15cm; Japanese Postard; Double Japan Postard Rotated; Japanese Envelope Chou #4; Envelope BS; Envelope CS; En	Recommended monthly scan volume	150 to 1500		
Fax         Fax <sup>3</sup> Yes,         Fax specifications       Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers         Processor speed       800 MHz         Connectivity       1 Hi-Speed USB device (compatible with USB 2.0 specifications); 1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n Dual band 2.4GHz/SGHz         Wireless       No       Yes         Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Smart App; Apple AirPrint™; Mopria™ Certified; Wireless Direct Printing: HP ROMA For Business; Optional ROAM Queue Printing         Supported network protocols       1CP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutolP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet.         Hard disk       no hard disk       10/100Mbps Ethernet.         Media handling       Standard: 1; Maximum: 1 Main Tray         Number of paper trays       Standard: 1; Maximum: 1 Main Tray         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(US); B6(US); Oficio (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L9X ar; 10X 15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope CS; Envelope CS; Envelope CS; Envelopepe CD; ED; ENVelope D; ED; ENVELOPE D; ED	Scannable area	Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm		
Fax <sup>3</sup> Yes,         Fax specifications       Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers         Processor speed       800 MHz         Connectivity       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n Dual band 2.4GHz/5GHz         Wireless       No         Wireless       No         Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified         HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Smart App; Apple AirPrint™; Mopria™ Certified         Protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Hard disk       no hard disk       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Media handling       Standard: 1; Maximum: 1Main Tray         Number of paper trays       Standard: 1; Maximum: 1Main Tray         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5/JS); B6/JS); 0fcio (216x340); 16K (195 x 270 mm); 16K (197 x 273 mm); Length 127 x 33 mm; Inv15/cm; Japanese Postcard; Double Japan Postcard; Rotated; Japanese Envelope Chou #3; Japanese Envelope CS; Envelope CS; Envelope CS; Envelope CB; Envelope L1; ADF: A4; LTR; LGL<	Bit depth/ Grey scale levels	24-bit / 256		
Fax specifications         Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers           Processor speed         800 MHz           Connectivity         1 Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.         1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/, Dual band 2.4GHz/SGHz           Wireless         No         Yes           Mobile printing capability         HP Smart App; Apple AirPrint™; Mopria™ Certified         Printing: HP ROMA for Business; Optional ROAM Queue Printing           Supported network protocols         TCP/(P: IP-v4; IP-v6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS           Network capabilities         10/100Mbps Ethernet.         10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz           Media handling         Standard: 1; Maximum: 512 MB         10/100Mbps Ethernet; Wireless Postcard; Duble Japan Postcard Rotated; Japanese Envelope Cho: Aptendepost Viewlepe Chi 2, 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x1 Scm; Japanese Postcard; Duble Japan Postcard Rotated; Japanese Envelope Cho: Viewlepe Chi 2, 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x1 Scm; Japanese Postcard; Duble Japan Postcard Rotated; Japanese Envelope Cho: Aptendepost Viewlepe Chi 2, 400; 16K (195 z 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x1 Scm; Japanese Postcard; Duble Japan Postcard Rotated; Japanese Envelope Chi 2, 400; 44; Envelope OE; APrevelope OE; APRIVENDE CHI 2, 400; 16L (140, 400; 400; 400; 400;	Fax	·		
Processor speed       800 MHz         Connectivity       HI-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n Dual band 2.4GHz/SGHz         Wireless       No       Yes         Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Simart App; Apple AirPrint™; Mopria™ Certified         Supported network protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Memory       Standard: 512 MB; Maximum: 512 MB       Media handling         Media handling       Ves       Ves         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356m; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (197 x 273 mm); 16K (197 x 273 mm); 12 kr13 cm; 10x 15 cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chour H3; Japanese Envelope Chour H4; Envelope B5; Envelope C6; Envelope C6; Envelope C6; Envelope C6; Envelope C1; ADF: A1, LISC         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²       Ino Naximum: Up to 250 sheets ADF: Standard, 50 sheets	Fax <sup>3</sup>	Yes,		
Connectivity         Standard       Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/, Dual band 2.4GHz/SGHz         Wireless       No       Yes         Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Smart App; Apple AirPrint™; Mopria™ Certified; Wireless Direct Printing; HP ROAM For Business; Optional ROAM Queue Printing         Supported network protocols       TCP/IP: IP.v4; IP.v6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOUTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Hard disk       no hard disk       10/100Mbps Ethernet; S12 MB       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Media handling       Standard: 1; Maximum: 1 Main Tray       10/100Mbps Ethernet; S12 MB       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Media size       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards       2000000000000000000000000000000000000	Fax specifications	Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers		
Standard       Hi-Speed USB device (compatible with USB 2.0 specifications); 10/1000Mpps Ethernet.       1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/r. Dual band 2.4GHz/SGHz         Wireless       No       Yes         Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Smart App; Apple AirPrint™; Mopria™ Certified         Supported network protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHz         Hard disk       no hard disk       Standard: 512 MB; Maximum: 512 MB         Media handling       Standard: 1; Maximum: 1 Main Tray         Nedia size       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(UIS); B6(UIS); D6(ici (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); 10x15 cm; Japanese Postcard; Double Japan Postcard; Dauble Japan Postcard; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope DL; ADF: A4; LTR; LGL         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Processor speed	800 MHz		
Standard10/100Mbps Ethernet.Dual band 2.4GHz/SGHzWirelessNoYesMobile printing capabilityHP Smart App; Apple AirPrint™; Mopria™ CertifiedHP Smart App; Apple AirPrint™; Mopria™ CertifiedSupported network protocolsTCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOUT/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPSNetwork capabilities10/100Mbps Ethernet.10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHzHard diskno hard disk10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/SGHzMemoryStandard: 512 MB; Maximum: 512 MBTCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOUT/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPSNumber of paper traysStandard: 512 MB; Maximum: 512 MBTCP/IP: IPv4; IPv6; IP Direct Mode; IPV P/ AutoIP; IPV P/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPSNumber of paper traysStandard: 1; Maximum: 1 Main TrayPaper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcretMedia iszePaper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcret, Joannese Postcard; Double Japan Postcrat Rotated; JapaneseMedia sizeCustom (metric): Width 76 to 216 mm ; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; JapaneseMedia sizeCustom (metric): Width 76 to 216 mm ; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese <td>Connectivity</td> <td>•</td> <td></td>	Connectivity	•		
Mobile printing capability       HP Smart App; Apple AirPrint™; Mopria™ Certified       HP Smart App; Apple AirPrint™; Mopria™ Certified         Supported network protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOUTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Hard disk       no hard disk       10/100Mbps Ethernet; Wireless 12 MB; Maximum: 512 MB         Media handling       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Standard	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.	1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n Dual band 2.4GHz/5GHz	
Supported network protocols       TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS         Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Hard disk       no hard disk       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Memory       Standard: 512 MB; Maximum: 512 MB       Memory         Media handling       Memory       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Wireless	No	Yes	
Network capabilities       10/100Mbps Ethernet.       10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz         Hard disk       no hard disk         Memory       Standard: 512 MB; Maximum: 512 MB         Media handling         Number of paper trays       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wireless Direct Printing; HP ROAM For Business; Optional ROAM Queue Printing	
Hard disk       no hard disk         Memory       Standard: 512 MB; Maximum: 512 MB         Media handling       Media handling         Number of paper trays       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Supported network protocols	TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery	BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS	
Memory         Standard: 512 MB; Maximum: 512 MB           Media handling         Mumber of paper trays         Standard: 1; Maximum: 1 Main Tray           Number of paper trays         Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards           Media size         Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards           Media size         Custom (metric): Width 76 to 216 mm ; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (197 x 273 mm); L9 x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL           Media handling         Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets           Media weight         60 to 163 g/m²; ADF: 60 to 90 g/m²           Input capacity         Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Network capabilities	10/100Mbps Ethernet.	10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz.	
Media handling         Number of paper trays       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #4; Envelope E5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Hard disk	no hard disk		
Number of paper trays       Standard: 1; Maximum: 1 Main Tray         Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media size       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope C5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Memory	Standard: 512 MB; Maximum: 512 MB		
Media types       Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards         Media types       Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 z 70 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15 cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Media handling	4		
Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 270 mm); 16K (197 x 273 mm); L9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Number of paper trays	Standard: 1 ; Maximum: 1 Main Tray		
Media size       270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope D1; ADF: A4; LTR; LGL         Media handling       Standard input: 1 main tray; 250 sheets or 10 envelopes Standard output: 150 sheets output tray ADF: Standard, 50 sheets         Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Media types			
Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Media size	Custom (metric): Width 76 to 216 mm; Length 127 to 356mm; Supported (metric): A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese		
Media weight       60 to 163 g/m²; ADF: 60 to 90 g/m²         Input capacity       Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets	Media handling			
Input capacity Tray 1: Sheets : up to 250; Envelopes : up to 10 Maximum: Up to 250 sheets ADF: Standard, 50 sheets				

## Technical specifications

Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer	
Product number	3G631A	3G632A	
Compatible operating systems	Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey,; 2 GB HD; Internet required; Linux (For more information, see https://developers.hp.com/hp-linux-imaging-and-printing)		
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,		
Minimum system requirements	Windows: Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge.; Age: Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required		
Software included	No CD inbox (except Indonesia and China Gov) Downloadable Software from hp.com, hpsmart.com/setup, in-OS app stores. #CD include HP Software Installer, Uninstaller, printer driver and other essential tools		
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change		
Printer management	HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com		
Dimensions and weight	·		
Printer dimensions (W x D x H)	Minimum 418.0 x 398.2 x 313.2 mm; Maximum: 426.8 x 758.8 x 475.5 mm		
Printer weight	10.5kg		
Operating environment	Temperature: 15 to 32.5°C; Humidity: 30 to 70% RH		
Storage conditions	Temperature: -20 to 60℃		
Acoustics	Acoustic power emissions: 6.6 B(A) (printing at 33ppm); Acoustic pressure emissions: 53 dB(A)		
Power	Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz; Consumption: 436 watts (active printing), 4.5 watts (ready), 1.31 watts (sleep), 0.06 watts(Manual Off), 0.06 watts (Auto Off/Manual On); Typical Electricity Consumption (TEQ) <sup>2</sup> : Blue Angel: 0.402 kWh/week; Power supply type: Internal (Built-in) power supply		
Certifications	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, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. <b>Electromagnetic emission standard</b> : CISPR32:2012 & CISPR32:2015 /ENS5032:2012 & ENS5032:2015+AC:2016 - Class B; EN 61000-3- 2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 Blue Angel <b>Telecom compliance</b> : Fax Telecom: ES 203 021; FCC Title 47 CFR, Part 68 Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries.	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, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3- 2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/(ES-003, Issue 6 Blue Angel Telecom compliance: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / draft EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1 / EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RS5 247 Issue 1, 2015 & RS5 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008 Fax Telecom: ES 203 021; FCC Title 47 CFR, Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries.	
Sustainable impact specifications	Mercury free		
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies		
Country of origin	Made in Vietnam		
What's in the box <sup>1</sup>	3G631A HP LaserJet Pro MFP 3103fdn Printer, Preinstalled HP Black LaserJet Toner Cartridge (~1,000 pages), Setup Guide, Reference Guide,	3G632A HP LaserJet Pro MFP 3103fdw Printer, Preinstalled HP Black LaserJet Toner Cartridge (~1,000 pages), Setup Guide, Reference Guide, Developer Users Une State Developer State Provide Pro	
	Regulatory Flyer, Warranty Guide, Power cord	Regulatory Flyer, Warranty Guide, Power cord	

#### Footnotes

<sup>1</sup> Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity

<sup>2</sup> Requires HP app download available at www.hp.com/ao/mobileorinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com.

<sup>4</sup> HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.
<sup>5</sup> HP calculations based on ENERGY STAR® normalized TEC data comparing HP LaserJet 200-500 series printers at launch. See hp.com/ecosmart.

<sup>6</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

<sup>7</sup> Recycling: Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. For details, see hp.com/recycle.

<sup>8</sup> Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs. only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) v. 2.4 GHz band (up to 72.2 mbps). Learn more at: www.hp.com/go/mobileprinting

<sup>9</sup> HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

#### Technical specifications disclaimers

<sup>1</sup> For yield information on the cartridge 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.

<sup>2</sup> 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

<sup>3</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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. <sup>7</sup> 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.

<sup>8</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software



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