# HP LaserJet Pro MFP 4102fdn Printer



## Get blazing fast printing speeds, high-volume scanning, and easy management with LaserJet Pro.

Get blazing fast printing speeds, high-volume scanning, and easy management tools with LaserJet 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 of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

#### Highlights

- HP Wolf Pro security
- Automatic two-sided printing standard
- Fast print speed (40 ppm A4)
- High monthly duty cycle (80,000 pages)
- 50 sheet ADF with single-pass, two-sided scanning

#### Maximum productivity

- Support your dynamic workteam with this high-speed printer, ideal for up to 10 users.
- Step up your workflow. HP Pro-class print speed reaches up to 42 ppm to meet high-demand environments.<sup>1</sup>
- Scan both sides with a single pass. Dual-sided scanning allows your users to get more done in less time.
- Get productivity in the palm of your hand. Print and save time with Shortcuts from HP Smart.<sup>2</sup>

#### Seamless management

- Centralise your print management. HP Web Jetadmin makes it easy with its suite of features.<sup>3</sup>
- 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.

#### HP Wolf Pro Security

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- 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 Security Manager.<sup>4</sup>

#### Sustainable printing

- Save up to 20% energy. EcoSmart toner with JetIntelligence balances premium quality with sustainability.
- Start saving paper right out of the box. The default duplex setting prints on both sides to cut usage in half.
- Meet the industry standard for efficiency with Energy Start rating.
- Reduce your footprint. HP Auto-On/Auto-Off technology optimizes printer energy usage.<sup>6</sup>

### Product walkaround

- 1. Designed for workteams of up to 10 users
- 2. Pre-configured security settings
- 3. Walk-up USB
- 4. Automatic 2-sided printing
- 5. Hi-speed USB ports, built-in Gigabit Ethernet
- 6. Print speeds up to 40 ppm (A4), 350-sheet standard paper capacity



# Accessories, Supplies and Support

Supplies	W1020XC HP W1020XC High Yield Black Contract Original Laser Jet Toner Cartridge (Average cartridge yields 10,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
	W1490A HP 149A Black Original LaserJet Toner Cartridge (Average cartridge yields 2,900 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
	W1490X HP 149X High Yield Black Original Laser Jet Toner Cartridge (Average cartridge yields 9,500 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Service and Support	U42TZE - HP 3 year Next Business Day Service for LaserJet Pro MFP 410x U42U8PE - HP 1 year Post Warranty Next Business Day Service for LaserJet Pro MFP 410x

# Technical specifications

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Net     Inser       Pirt teriodogy     Eace       Pirt teriodogy     Bock (Ar, roady, Ar to ally, Star 13, Bock (Ad, step), Ar to all Star 200, Exchanged (Add), Star 200	2.3; Duplex ADF
Next technology     Laser       Pint speer <sup>1</sup> Block MA, reado, An Loss is S. 3 acc; Block MA, depined. Lop to 34 pcm.       Pint speer <sup>1</sup> Block MA, reado, An Loss is S. 3 acc; Block MA, depined. Lop to 34 pcm.       Pint speer <sup>1</sup> Block MA, reado, An Loss is S. 3 acc; Block MA, sheepA A Loss is S. 8 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, sheepA A Loss is S. 3 acc; Block MA, Lop IS, S. acc; Block MA, Lop IS	2.3; Duplex ADF
Press gend*     Bick VA, normal bit (to 40 gens, Bick VA, depend to to 5 4 gen       Frast gap out <sup>2</sup> Bick VA, normal VA, sepad A state A.5 are A.5	2.3; Duplex ADF
Instruction     Biol back/ins Lines II 200 v 120 0000 (200 Hordingy, HP FastBin 1200, HP Profes 1200, Economode       Monthly duty cycle     Up to 80000 pages AA, Recommended monthly page values 750 to 4,000       Printers smart System (estures) <sup>4</sup> Auto duple and booked prints, Hup printing, Jusc Printing, Printin	2.3; Duplex ADF
Menthy duty cycle     Up to 80,000 pages A4, Recommended monthly page volume 750 to 4,000       Printer smart software features <sup>4</sup> Auto duplex and boolket printing, N-ap printing, Callaton, vestmarks, install printer drive only, Economode for toner savings, accepts a variety of paper sizes and types       Standard print Impages     IPP CL, IPP CLS, IPP DLS, IPP	2.3; Duplex ADF
Printer start software features <sup>3</sup> Auto daplox and booklet printing, Nup printing, collation, watermarks, install printer driver only. Economode for toner savings, accepts a variety of paper sizes and types       Startad print languagies     HP CL, G, HP Docts, PH Evolution, Will, EN, Nuke Offler, WK. Ratter       Prints and typeRices     Hist margins Top: 4.3 mm, Batter, AST mm, B	2.3; Duplex ADF
Standard primt languages     HP PCL 56, HP PCL 56, HP postsorpt level 3 emulation, PDF, URF, Native Office, PWG Raster       Print and typeEsces     B4 scalable TrueType fonts       Print and typeEsces     Print and print languages       Print and Print and Print anges Tops 24, non. Battern 4.3 mm, Right 4.3 mm, Maximum print area; 207.4 x 347, 1mm       Duplox printing     Automatic (default)       Copy speed     Back (Ad): Up to 38 cpm       Copier specifications     ID Copy, Number of copies, Riscip Encluding 2, 1(b); Upter Toker, Enhancements, Original Scar, Binding Margin, Collation, Tray Selection, Two-Sided, Quality (Draft/Nomal/Best), Seve Current Settings, Reistore Factory LC conversed endings of the pages of pages, Reistore Encluding 2, 1(b); Upter Toker, Enhancements, Original Scar, Binding Margin, Collation, Tray Selection, Two-Sided, Quality (Draft/Nomal/Best), Seve Current Settings, Reistore Factory LC conversed endings of pages, Reistore Enclude 2, 200, 200, 200, 200, 200, 200, 200,	2.3; Duplex ADF
Exits and typelaces     B4 scalable TrueType forts       Print margins Top: 4.3 mm, Edit: 4.3 mm, Right: 4.3 mm; Right:	2.3; Duplex ADF
Print area     Print margins Top: 4.3 mm, Bottom: 4.3 mm, Right: 4.3 mm, Ri	2.3; Duplex ADF
Duplex printing     Automatic (default)       Copy     Expression     Black (A4): Up to 38 cpm       Copier specifications     Dispose to a specification of copies, Resize (including 2-Up): Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save Current Settings; Restore Factory C       Scan     Scan speed <sup>4</sup> Normal (A4): Up to 29 pm/46 ipm (b&w), up to 20 ppm/34 ipm (color); Duplex (A4): Up to 46 ipm (b&w), up to 34 ipm (color)       Scan speed <sup>4</sup> Normal (A4): Up to 29 pm/46 ipm (b&w), up to 20 ppm/34 ipm (color); Duplex (A4): Up to 46 ipm (b&w), up to 34 ipm (color)       Scan speed <sup>4</sup> Normal (A4): Up to 29 pm/46 ipm (b&w), up to 20 ppm/34 ipm (color); Duplex (A4): Up to 46 ipm (b&w), up to 34 ipm (color)       Scan respectivations     Scanner specifications     Scanner specifications       Scanner specifications     Scanner specifications     Scanner specifications       Scanner specifications     Single-poss: 2-vide d scanning ADF; Scan to computer, inhibitidibabe fax, Quack Stat     Scan to network folder; Scan to USB. Scan to Microsoft SharePoint <sup>4</sup> . Scan to computer with soft inhibitidibabe fax, Quack Stat       Scanner shared features     Single-poss: 2-vide d scan image ADF; Scan to computer, inhibitidibabe fax, Quack Stat       Scanner specifications     Scan extremost present advite to email. Fax to computer, inhibitidibabe fax, Quack Stat       Scanner delarues<	2.3; Duplex ADF
Copy       Copy speed     Black (Alt) Up to 38 cpm       Copier specifications     ID Copy, Number of copies, Resize (Including 2-Lip), Liphter/Darier; Enhancements, Original Size, Binding Margin: Collation; Tray Selection; Two-Sided; Quality Draft/Normal/Best); Save Current Settings; Resize (Including 2-Lip), Liphter/Darier; Enhancements, Original Size, Binding Margin: Collation; Tray Selection; Two-Sided; Quality Draft/Normal/Best); Save Current Settings; Resize (Including 2-Lip); Liphter/Darier; Enhancements, Original Size, Binding Margin: Collation; Tray Selection; Two-Sided; Quality Draft/Normal/Best); Save Current Settings; Resize (Including 2-Lip); Liphter/Darier; Enhancements, Original Size, Binding Margin: Collation; Tray Selection; Tray Selection; Tray Selection; Tray Selection; Despite (Alt), Up to 29 ppm/46 (pm (Delw), up to 20 ppm/34 (pm (Color); Duplex (Ad), Up to 46 ipm (Delw), up to 34 ipm (Color)       Scanner specifications     Scanner type Flutbed, ADF, Scan technology Contact Image Sensor (CS); Scan input modes: Front-panel scan, copy, email, or file buttors; HP Scan to Microsoft SharePoint <sup>6</sup> , Scan to computer with soft network folder; Scan to Use, Scan to Computer; Enable/desbale fac, Quick Sets       Scanner advanced features     Single-pass; S-Jeided Scanne Souldon; Up to 200 ppm/46 (pm (Delw); Duplex (Ad)); Di 2 x 152 mm Maximum media size (ADF); 216 x 356 mm       Recommended monthly scan volume     750 to 4000       Scannable area     Maximum media size (ADF); 102 x 152 mm Maximum media size (ADF); 216 x 356 mm       Bit depth/ Grey scale livels     24-bit / 256.       Fax     Fax method Uson gens; Fax resolution: Standerd;	2.3; Duplex ADF
Edgy speed     Black (A4): Up to 38 cpm       Copier specifications     UD Copy, Number of copies; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Settings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Setings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Setings; Resize (Including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Besit); Save Current Setings; Resize (Including 2-Up); Lighter/Darker; Carl Al (Draft); Diplex (Margin; Carl O); Save Carl Carl O; Save Carl Carl Carl Carl O; Save Carl Carl Carl Carl O; Save Carl Car	2.3; Duplex ADF
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San     Scan speed <sup>4</sup> Normal (Ad): Up to 29 ppm/46 ipm (b8w), up to 20 ppm/34 ipm (color) <b>Duplex (Ad):</b> Up to 46 ipm (b8w), up to 34 ipm (color)     Scan speed <sup>4</sup> POF, IPG, TFF     Scanner speelfications   Scanner type Fatbed. ADF; Scan technology. Contact image Sensor (CIS); Scan input modes. Front-panel scan, copy, email, or file buttors; HP Scan software; and user application via TWAIN or WIA; Twain version: Version scanning Ves: Optical scan resolution: Up to 200 x 1/200 x ip     Scanner speelfications   Scanner type Fatbed. ADF; Scan technology. Contact image Sensor (CIS); Scan input modes. Front-panel scan, copy, email, or file buttors; HP Scan software; and user application via TWAIN or WIA; Twain version: Version scanning Ves: Optical scan resolution: Up to 200 x 1/200 x ip     Scanner speelfications   Scanner type Fatbed. ADF; Scan technology. Contact image Sensor (CIS); Scan input modes. Front-panel scan, copy, email, or file buttors; HP Scan software; and user application via TWAIN or WIA; Twain version: Version scanning Ves: Optical scan resolution: Up to 200 x 1/200 x ip     Scanner speelfications   Scanner type Fatbed. ADF; Scan technology. Contact image Sensor (CIS); Scan input modes size (ADF): 10 x 1/200 x ip     Fax   Ves: 3.3.6 kbps   Scannable area     Fax resolution: Standard: 203 x 98 dp; Fine: Up to 203 x 196 dp; Superfine: Up to 300 x 300 dp; Quick dailing: Up to 200 numbers   Scan and to fax activity reports; Dial prefix setting: Pinf. To 200 Hiz     Fax specifications   Fax memory: Up to 400 papes; Fax resolution: Standard: 203 x 98 dp; Fine: Up to 203 x 196	
Scan speed*Normal (A4): Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) :Duplex (A4): Up to 46 ipm (b&w), up to 34 ipm (color)Scan file formatPDF, JPG, TFFScanner specificationsScanner type Falbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, email, or file buttors; HP Scan software; and user application via TWAIN or WIA; Twain version: VersionScanner specificationsSingle-pass 2-side scanning ADF; Scan to cloud (Google Drive and DropBox) Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint*, Scan to computer with sofScanner de monthy scan volume750 to 4000Scannel areaMaximum media size (fabed): 216 x 297 mm; Minimum media size (ADF): 102 x 152 mm Maximum media size (ADF): 216 x 356 mmBit depth/ Grey scale levels24-bit / 256FaxFaxFaxYes, 33.6 kbpsFax specificationsFax memory. Up to 400 pages; Fax resolution: Standard: 203 x 98 dp; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing. Up to 200 numbersFax specificationsAuto fax eduction; Autor redialing: Delayed sending: Fax forwarding: TAM interface; Junk barrie; Distinctive ring detector; Cover page; Blicx fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Pinf faxForessor Speed100 MitzConnectivityApple AlPrint*, Morpina* CertifiedMobie printing capabilityApple AlPrint*, Morpina* CertifiedApple alPrint*, Morpina* CertifiedApple AlPrint*, Morpina* CertifiedMobie printing capabilityApple AlPrint*, Morpina* CertifiedMobie printing capabilityApple AlPrint*, Mo	
Scan file format   PDF, JPG, TIFF     Scanner specifications   Scanner type Flatbed, ADF, Scan technology: Contact image Sensor (CIS); Scan input modes: Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA; Twain version: Version     Scanner specifications   Scanner type Flatbed, ADF, Scan technology: Contact image Sensor (CIS); Scan input modes: Front-panel scan, copy, email, or file buttons; HP Scan to USB, Scan to USB, Scan to Microsoft SharePoint®, Scan to computer with soft network folder, Scan to USB, Scan to USB, Scan to Microsoft SharePoint®, Scan to computer with soft network folder, scan voice to email, Fax to computer, Enable/disable fax, Quick Sets     Recommended monthly scan volume   750 to 4000     Scannels area   Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 102 x 152 mm Maximum media size (ADF): 216 x 356 mm     Bit depth/ Grey scale levels   24-bit / 256     Fax   Yes, 33.6 kbps     Fax specifications   Fax memory. Up to 400 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     Fax specifications   Fax memory. Up to 400 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     Fax staftware features   Auto fax returbure; Fax ensolution: 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     Fax sendications   Fax memory.	
Scanner specifications     Scanner type Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA; Twain version: Version       Scanner advanced features     Single-pass-2-sided scanning ADF; Scan to cloud (Google Drive and DropBox) Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint <sup>®</sup> , Scan to computer with soft network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick Sets       Recommended monthy scan volume     750 to 4000       Scanner dype Flatbed/: 216 x 297 mm; Minimum media size (ADF): 102 x 152 mm; Maximum media size (ADF): 216 x 356 mm       Bit depth/ Grey scale levels     2-bit / 256       Fax     Yes, 33.6 kbps       Fax sont volume     Yes, 33.6 kbps       Fax sont volume, Auto reduction; Dut od 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       Fax sont software features     Auto fax reduction; Auto redualing: Delayed sending; Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Diel prefix setting: Print far Processor Speed       1200 MHz     Connectivity       Standard     1Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)       Mobile printing: capability     Apple AiPrin	
Scanning Tes, Optical Safeteaudiou Op to 200 * 1200 / 12	ware, Fax archive to
Skiller divariation   network folder, pax archive to email, Pax to computer, Enable/disable fax, Quick Sets     Recommended monthly scan volume   750 to 4000     Scanable area   Maximum media size (ADF): 102 x 152 mm Maximum media size (ADF): 216 x 356 mm.     Bit depth/Grey scale levels   24-bit / 255     Fax   Fax     Fax   Yes, 33.6 kbps     Fax nethor scale   Maximum media size (ADF): 216 x 356 mm.     Fax   Yes, 33.6 kbps     Fax nethor y Up to 400 pages; Fax resolution: Standard: 203 x 98 dpi; Fin: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers     Fax sarch ware features   Auto fax reduction: Auto redialing: Delayed sending: Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Pinit fix     Processor speed   1200 MHz     Connectivity   Sandard     Standard   1Hi-Speed USE 2.0; 1 rear host USE; 1 Front USE port; Gigabit Ethernet 10/100/1000BASE-T network; 602.3az(EEE)     Mobile printing capability   Apple AirPrint <sup>m</sup> , Mopria <sup>m</sup> Certified     Supported network protocols   Apple AirPrint <sup>m</sup> , Mopria <sup>m</sup> Certified, and via Route; Stateful via DHCPv(s); SSL Security and Certificate management; Management; SMMPv1, SMMPv2, SMMPv2, SMMPv2, HTTP/HTTPS, Syslog, FTP FW Download	ware, Fax archive to
Scannable area     Maximum media size (flabed): 216 x 297 mm; Minimum media size (ADF): 102 x 152 mm Maximum media size (ADF): 216 x 356 mm       Bit depth/Grey scale levels     24-bit / 256       Fax     Fax       Fax     Yes, 33.6 kbps       Fax specifications     Fax memory: Up to 400 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       Fax specifications     Auto fax reduction; Auto redularg: Played sending; Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Print fax       Processor speed     1200 MHz       Connectivity     Standard       Standard     1Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)       Mobile printing capability     Apple AirPrint <sup>max</sup> , Mopria <sup>max</sup> Certified       Supported network protocols     Apple AirPrint <sup>max</sup> , Mopria <sup>max</sup> Certified	
Bit depth/Grey scale levels   24-bit/256     Fax   Fax     Fax specifications   Ves, 33.6 kbps     Fax specifications   Fax memory. Up to 400 pages; Fax resolution: Standard: 203 x 98 dpi; Fins: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers     Fax specifications   Autor fax reduction; Autor dealing; Delayed sending: Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Print far     Processor speed   1200 MHz     Connectivity   Standard     Standard   1Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-1 network; 602.3az(EEE)     Mobile printing capability   Apple AirPrint™, Mopria®' Certified     Supported network protocols   and via Route; Statefull via DHCPv(s); SSL Security and Certificate management; Management; SMMPv1, SMMPv2, SMMPv2, SMMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
Pax     Fax   Yes, 33.6 kbps     Fax specifications   Fax memory: Up to 400 pages; Fax resolution: Standard: 203 x 98 dp; Fine: Up to 203 x 196 dp; Superfine: Up to 300 dp; Quick dialing: Up to 200 numbers     Fax smart software features   Auto fax reduction; Auto redialing: Delayed sending; Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Print fa     Processor speed   1200 MHz     Connectivity   Standard     1 Hi-Speed USB 2.0; 1 rear host USB pt; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)     Mobile printing capability   Apple AirPrint**, Moopria** Certified     Supported network protocols   TCP/P. IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint**, Maopria, IPP Print; Discovery: SLP. Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 and via Route; Statefull via DHCPv6), SSL Security and Certificate management; Management; SNMPv1, SNMPv2, SNMPv2, STMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
Fax   Yes, 33.6 kbps     Fax specifications   Fax memory: Up to 400 pages; Fax resolution: Standard: 203 x 98 dp; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 dpi; Quick dialing: Up to 200 numbers     Fax smart software features   Auto fax reduction; Auto redialing: Delayed sending; Fax forwarding; TAM interface; Junk barrier, Distinctive ring detection; Cover page; Block Fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting: Print fa     Processor speed   1200 MHz     Connectivity     Standard   1 Hi-Speed USB 2.0; 1 rear host USB pt; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)     Mobile printing capability   Apple AirPrint**, Moopria** Certified     Supported network protocols   TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint**, Mapria@ment; SNMPv4, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
Fax specifications     Fax memory: Up to 400 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 to 200 numbers       Fax smart software features     Auto fax reduction; Auto redialing; Delayed sending; Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and Load; Fax activity reports; Dial prefix setting; Print fax       Processor speed     1200 MHz       Connectivity     Standard       1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)       Mobile printing capability     Apple AirPrint**, Mopria** Certified       Supported network protocols     TCP/PI IPv4, IPv6; Pini: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint**, Mapria, IPP Print; Discovery; SLP. Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6	
Fax smart software features   Auto fax reduction; Auto redialing; Delayed sending; TaX interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting; Print fax     Processor speed   1200 MHz     Connectivity     Standard   1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)     Mobile printing capability   Apple AirPrint <sup>™</sup> , Mopria <sup>™</sup> Certified     Supported network protocols   TCP/IP (MP4, IVSP, Pint; TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint <sup>™</sup> , Mopria, IPP Print; Discovery; SLP. Banjour, Web Services Discovery; IP Config: IPV4 (BootP, DHCP, AutolP, Manual), IPV6	
Processor speed     1200 MHz       Connectivity       Standard     1 Hi-Speed USB 2.0;1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)       Mobile printing capability     Apple AirPrint**, Mopria** Certified       Supported network protocols     TCP/PIP wal, Pro6; print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint**, Monpria*. IPP Print; Discovery; SLR, Bonjour, Web Services Discovery; IPC onfig: IPv4 (BootP, DHCP, AutolP, Manual), IPv6 and via Router; Statefull via DHCPv6), SSL Security and Certificate management; SNMPv2,	v log: HP Digital Fax
Connectivity       Standard     1 Hi-Speed USB 2.0;1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)       Mobile printing capability     Apple AirPrint <sup>™</sup> , Mopria <sup>™</sup> Certified       Supported network protocols     TCPIP, Pred, Viso, Stal. Security and Certificate management; Management; SMRPv1, SMRPv2, SMRPv3, HTTP/HTTPS, Syslog, FTP FW Download	nog, mi bigitat rax
Mobile printing capability     Apple AirPrint <sup>™</sup> , Mopria <sup>™</sup> Certified       Supported network protocols     TCP/IP, IPv4, IPv6, Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint <sup>™</sup> , Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutolP, Manual), IPv6 and via Route; Statefull via DHCPv6), SSL Security and Certificate management; Management; SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
Supported network protocols TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint <sup>™</sup> , Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutolP, Manual), IPv6 and via Route; Statefull via DHCPv6), SSL Security and Certificate management; Management; SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
Supported network protocols and via Router, Statefull via DHCPvG), SSL Security and Certificate management; SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download	
	Stateless Link-Local
Network capabilities Yes, via built-in 10/100Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X	
Hard disk No	
Memory Standard: 512 MB; Maximum: 512 MB	
Media handling	
Number of paper trays Standard: 2, Maximum: 3	
Media types Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough), envelopes; labels;	
Custom (metric): Tray 1: 7:62 x 127 to 21:5.9 x 355.6 mm; Tray 2, 3: 10:4.9 x 149.5 to 21:5.9 x 355.6 mm; Supported (metric): Tray 1: A4; A5; A6; B5 (UIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (194 x 260 mm); mm); Japanese Postard; Double Japane Postard; Envelope BC; Steneberge C5; Envelope BC; Steneberge C5; Envelope BC; Steneberge C5; Bartis BC; AF; A5; A5; B5 (UIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (194 x 260 mm); 16K (194 x 270 mm)	
Media handling Standard input: 100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF) Standard output: 150-sheet output bin Optional input: Optional third 550-sheet tray	
Media weight Tray 1: 60 to 200 g/m²; tray 2, optional S50-sheet tray 3: 60 to 120 g/m²	
Input capacity Tray 1: Sheets: 100: Eveloples: 10 Tray 2: Sheets: 250 Totay 3: Sheets: 550 (optional) Maximum: Up to 900 sheets (with Optional 550-sheet tray) ADP; Standard, 50 sheets	
Output capacity     Standard: Up to 150 sheets Envelopes: Up to 10 envelopes Maximum: Up to 150 sheets       Compatible operating systems     Windows 11; Windows (Lient OS; Android; IOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 15 Sequoia; Chrome OS	
Compatible reveals gesters who we reveal the second	
Minimum system requirements Windows: 2 GB available hard disk space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see microsoft.com;	
Mac 2 GB available hard drive space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see apple.com;	
Software included No software solutions are included in the box, only on http://www.hp.com and http://123.hp.com	
Security management wind security: SNMP v1 v2 v3, SSL/TLS (HTTPS), 802.1x authentication; wireless network security: WPA (Wi-Fi Protected Access) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, RADIUS servers) WPA2 WPA3, WEP encryption (64 and 128 bi	
Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed Printing Administrator)	
Dimensions and weight	
Printer dimensions (W x D x H)     Minimum 420 x 390 x 323 mm; Maximum: 430 x 634 x 325 mm	
Printer weight 12.6 kg	
Operating environment     Temperature: 10 to 32.5°C Humidity: 30 to 70% RH       Storage conditions     Temperature: -20 to 40°C	
Jacage contactors emperature = 2010 40 C =	
Acoustics Acoustic power emissions: 5.7 B(A) Acoustic pressure emissions: 5.4 dB(A) Requirements: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz);	
Acoustics Acoustic power emissions: 6.7 B(A) Acoustic pressure emissions: 54 dB(A)	
Acoustic     Acoustic power emissions: 5.7 B(A) Acoustic pressure emissions: 54 dB(A)       Requirements: 220-volt input voltage: 220 to 240 VAC (+/- 10%), S0/60 Hz (+/- 2 Hz);       Power     Consumption: 510 volts (active printing), 7.5 watts (ready, 0.9 watts (Jacto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off);       Typical Electricity Consumption (TEC): 0.40 VAN/Week (Blue Angel);     Swatts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off);	
Acoustics     Acoustic power emissions: 5.7 B(A) Acoustic pressure emissions: 54 dB(A)       Power     Requirements: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); Consumption: 510 watts (active printing), 7.5 watts (ready, 0.9 watts (aleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption (TEO): -0.40 W/M/Week (Blue Angel); Power supply type: Internal (Bult-In) power supply       Energy savings feature technology     HP Auto-On/Auto-Off Technology; Instant-on Technology; EcoSmart black toner       RCM (Australia), TUV and GS Mark (Germany), BSM (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, CL Indonesia, Singapore, Philippines, etc.       Certifications     Electromagnetic emission standard (CSPR 32.2015 Class B / EN 55032.2015 Class B; CISPR 35.2016 / EN 55035.2017 Class B; EN IEC 61000-3-2:2013 + A1:2013; EN 61000-4-12:2016; FCC CFR 42 (IES-Sou3), Suev 7 Class B B	
Acoustics     Acoustic power emissions 5.7 B(A) Acoustic pressure emissions 5.4 B(A)       Power     Requirements: 220-vol: input voltage: 220 to 240 VVC (r-1 Vib), 50(6) Hz (r-1 2 Hz); Consumption 510 wetrs (active printing), 7.5 wetrs (seap), 0.9 wetrs (Auto Dff/Wake on LAN, enabled at shipment), 0.06 watrs (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption (TCP): 0.40 kWn/Veck (Blue Angel; Power supply type: Internal (Built-in) power supply       Energy savings feature technology     HP Auto-On/Auto-Off Technology; Escotam Technology; Eccosmart black toner       RCM (Australia), TUU and GS Mark (Germany), BSM (Talwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, CL Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR 32:2015 Class B / EN 55032:2015 Class B; (SEPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CER 43 IT ECO Declaration: Blue Angel Blue Angel compliant <sup>4</sup> Server. Blue Angel DE-U2 219—only ensured when using Original HP supplies	
Acoustics     Acoustic power emissions: 5.7 B(A) Acoustic pressure emissions: 5.4 B(A)       Power     Requirements: 220-vol: input voltage: 220 to 240 VVC (-1 VIR); Consumption 510 vots: folder pointing): 7.5 vots: folder pointing): 7.5 vots: folder pointing): 7.5 vots: folder pointing: 7.5 vots: folder pointing: 7.5 vots: folder pointing): 7.5 vots: folder pointing: 7.5	
Acoustics     Acoustic power emissions 5.7 B(A) Acoustic pressure emissions 5.4 B(A)       Power     Requirements: 220-vol: input voltage: 220 to 240 VVC (r-1 Vib), 50(6) Hz (r-1 2 Hz); Consumption 510 wetrs (active printing), 7.5 wetrs (seap), 0.9 wetrs (Auto Dff/Wake on LAN, enabled at shipment), 0.06 watrs (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption (TCP): 0.40 kWn/Veck (Blue Angel; Power supply type: Internal (Built-in) power supply       Energy savings feature technology     HP Auto-On/Auto-Off Technology; Escotam Technology; Eccosmart black toner       RCM (Australia), TUU and GS Mark (Germany), BSM (Talwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, CL Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR 32:2015 Class B / EN 55032:2015 Class B; (SEPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CER 43 IT ECO Declaration: Blue Angel Blue Angel compliant <sup>4</sup> Server. Blue Angel DE-U2 219—only ensured when using Original HP supplies	
Acoustics     Acoustic power emissions 5.7 B(A) Acoustic pressure emissions 5.4 B(A)       Power     Requirements: 220 voli input voltage: 220 to 240 VVC (r-1 VDR), 50(6) Hz (r-1 VDR), 50	
Acoustics     Acoustic power emissions: 5.7 B(A) Acoustic pressure emissions: 5.4 B(A)       Requirements: 220-volt input voltage: 220 to 240 VAC (*/- 10k), 50/60 Hz (*/- 2 Hz); Consumption: 510 watts (active printing), 7.5 watts (ready), 0.9 watts (alue 0 off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption: F50-00 with (Blue Angel); Power supply Ope: Internal (Bult-In) power supply Power supply Ope: Internal (Bult-In) power supply Ope: Internal Power Sup	Part 15 Class B;
Acoustics   Acoustic power emissions: 6.7 B(A) Acoustic pressure emissions: 5.4 B(A)     Requirements: 220 volt input voltage; 220 to 240 VVC (r 1- VDR), 50/60 Hz (r - 2 Hz); Consumption 510 votts (active printing), 7.5 votts (read), 0.0 votts (active 0 ff/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption (TDC): 0.40 WM/Week (Blue Angel); Power supply type: Internal (Built-in) power supply     Energy savings feature technology   HP Auto-On/Auto-Off Echronology; Istant-on Technology; EcoSmart black toner     Recurrence   RCM (Australia), TUV and GS Mark (Germany), BSM (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, CD Indonesia, Singapore, Philippine, etc. Electromagnetic emission standard: CDP 32:2015 Class B / EN 55032-2015 Class B (CSPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CFR 47 ICC 000, Issuer Philippine, etc. Electromagnetic emission standard: CDP 32:2015 Class B / EN 55032-2015 Class B / EN 55032-2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CFR 47 ICC 000, Issuer Philippine, etc. Electromagnetic emission standard: CDP 32:2015 Class B / EN 55032-2015 Class B / EN 55032-2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CFR 47 ICC 000, Issuer Philippine, etc. Electromagnetic emission standard: CDP 32:2015 Philippine, etc. Electromagnetic emission standard: CDP 32:201	Part 15 Class B;

#### Footnotes

<sup>1</sup> Neasured 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 the HP Smart app download. For details on local printing requirements see http://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. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 3 months, a monthly fee applies to continue advanced features with HP Smart Pro. For more information, see http://www.hpsmart.com.

<sup>3</sup> HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin. <sup>4</sup> HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

<sup>5</sup> HP calculations based on ENERGY STAR® normalized TEC data comparing HP Laser Jet 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: Through the HP Planet Partners program (where available), recycled plastics are used as raw material and combined with other materials to help make new Original HP cartridges and other everyday products. For details, see http://www.hp.com/recycle.

<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/recvcle.

<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

#### Technical specifications disclaimers

<sup>1</sup> Neasured 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>2</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>4</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

<sup>5</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

<sup>6</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 115V device and 230V for Blue Angel. Please be aware that HP LaserJet Pro 4001 and MFP 4101 series products are ENERGY STAR 3.0 certified in the US and the functionally equivalent HP LaserJet Pro 4003 and MFP 4103 series meet ecolabel energy efficiency limits.

<sup>7</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>8</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>9</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.





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