

HP Line-up Map A4 Printers (LaserJet and PageWide)

January 2018 Edition



Single Function Printers (Mono)

Technical Specifications



	HP LaserJet P2035 Printer	HP LaserJet Pro M403 Printer Series	HP LaserJet Pro M501 Printer Series	HP LaserJet Enterprise M506 Printer Series	HP LaserJet Enterprise M607 Printer Series	HP LaserJet Enterprise M608 Printer Series	HP LaserJet Enterprise M609 Printer Series
Product Description	Enjoy superior print experience and boost office productivity with the HP LaserJet P2030 Printer series. Combining sleek, compact design with power-packed features, it delivers fast, professional results and a high-end LaserJet print experience.	Printing performance and robust security built for how you work. This capable printer finishes jobs faster and delivers comprehensive security to guard against threats. ¹ Original HP Toner cartridges with JetIntelligence give you more pages. ⁴	Put impressive print speeds and performance to work in your office. This energy-saving printer starts faster ¹ and delivers security features to help guard against threats. Original HP Toner cartridges with JetIntelligence produce more pages. ⁵	Finish tasks faster with a printer that starts right away and helps conserve energy. ⁶ Multi-level device security helps protect from threats. ⁶ Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages. ⁵	This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ⁷	This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ⁷	This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ⁷
Print volumes							
Number of users	1-5 Users	3-10 Users	5-15 Users	5-15 Users	10-30 Users	10-30 Users	10-30 Users
AiO function	Print only	Print only	Print only	Print only	Print only	Print only	Print only
Speed (A4/Letter)	Black: Up to 30 ppm/30 ppm	Black: Up to 38 ppm/40 ppm	Black: Up to 43 ppm/45 ppm	Black: Up to 43 ppm/45 ppm	Black: Up to 52 ppm/55 ppm	Black: Up to 61 ppm/65 ppm	Black: Up to 71 ppm/75 ppm
First-page-out (A4)	Black: As fast as 8.0 seconds	M403d/dw: Black: As fast as 6.4 seconds; M403n/dn: Black: As fast as 5.7 seconds	Black: As fast as 5.8 seconds	Black: As fast as 6.0 seconds; As fast as 11.5 seconds (100 V)	Black: As fast as 5.4 seconds	Black: As fast as 5.4 seconds	Black: As fast as 5.4 seconds
Resolution technologies	HP FastRes 1200, 600 dpi	HP FastRes 1200, HP ProRes 1200, 600 dpi	HP FastRes 1200, HP ProRes 1200, 600 dpi	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200	FastRes 1200; 1200 x 1200 dpi	FastRes 1200; 1200 x 1200 dpi	FastRes 1200; 1200 x 1200 dpi
Monthly duty cycle (Max.)	Up to 25,000 pages	Up to 80,000 pages	Up to 100,000 pages	Up to 150,000 pages	Up to 250,000 pages	Up to 275,000 pages	Up to 300,000 pages
Recommended monthly print volume (RMPV)	500 to 2,500 pages	750 to 4,000 pages	1,500 to 6,000 pages	2,000 to 7,500 pages	5,000 to 20,000 pages	5,000 to 25,000 pages	5,000 to 30,000 pages
Duplex (Two-sided printing)	Manual (driver support provided)	M403n: Manual (driver support provided); M403d/dn/dw: Automatic (standard)	M501n: Manual; M501dn: Automatic	M506n: Manual (driver support provided); M506dn/x: Automatic (standard)	M607n: Manual (driver support provided); M607dn: Automatic (standard)	M608n: Manual (driver support provided); M608dn/x: Automatic (standard)	Automatic (standard)
Printer language	Host Based, UPD (HP PCL5e)	HP PCL 5, HP PCL 6, HP postscript level 3 emulation, direct PDF (v 1.7) printing, URf, PCLM, PWG	HP PCL 5, HP PCL 6, HP postscript level 3 emulation, direct PDF (v 1.7) printing, URf, PCLM, PWG	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7)	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Input capacity (Std)	250-sheet input tray, 50-sheet multipurpose tray	100-sheet multipurpose Tray 1, 250-sheet input Tray 2; Optional third 550-sheet tray	100-sheet multipurpose tray and 550-sheet main cassette; Optional 550-sheet cassette tray (Tray 3)	M506n/dn: 100-sheet multipurpose Tray 1, 550-sheet input tray 2; Up to 3 optional 550-sheet paper feeders; M506x: 100-sheet multipurpose Tray 1, 550-sheet input Trays 2 and 3, automatic duplex printing; Up to 2 optional 550-sheet paper feeders	100-sheet multipurpose feeder, 550-sheet input feeder; Optional v1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder	All models: 100-sheet multipurpose feeder, 550-sheet input feeder; Optional 1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder; M608x: Plus 550 accessory feeder	All models: 100-sheet multipurpose feeder, 550-sheet input feeder; Optional 1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder; M609x: Plus 550 accessory feeder
Output capacity (Std)	150-sheet output bin	150-sheet output bin	250-sheet face down output tray	250-sheet output bin	500 sheet output bin; Optional 5 bin stapler stacker	500 sheet output bin; Optional 5 bin stapler stacker	500 sheet output bin; Optional 5 bin stapler stacker
Connectivity							
Interfaces	Hi-Speed USB 2.0, IEEE 1284-compliant parallel	All models: 1 Hi-Speed USB 2.0; M403n/dn: Plus 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; M403dw: Plus 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; 1 Wireless 802.11b/g/n	Hi-Speed USB 2.0 Host/Device Ports; Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network	All models: 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket; M608x: Plus 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy I/O	All models: 1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; M609x: Plus 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy I/O
Operating systems	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®
General features							
Memory (Std/Max.)	16 MB	128MB DRAM	256 MB	512 MB expandable to 1.5 GB through 90-pin 1 GB SlimDIMM accessory	512 MB expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM	512 MB expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM	512 MB expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM
Processor speed	266 MHz	1.2 GHz	1.5 GHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz
What's in the box	Printer, preinstalled HP LaserJet Black Print Cartridge, CD (includes software and User's Guide), power cord, support flyer, USB cable, warranty card	All models: Printer; Preinstalled HP 28A Black LaserJet Toner Cartridge (~3,000 pages); Getting Started Guide; Setup Poster; Support Flyer; Warranty Guide; Printer documentation and software on CD-ROM; Power cord; USB cable	All models: Printer; preinstalled introductory HP LaserJet Toner cartridge (Black: ~6,000 pages); In-box documentation (Installation Guide, Getting Started Guide, User's Guide, Support Flyer, Warranty Guide); Printer documentation and software on CD-ROM; Software drivers and documentation on CD-ROM; CD's containing software and electronic documentation; Power cord; USB cable	All models: Printer; Introductory HP Black LaserJet Toner Cartridge (~6,000 pages); CD's containing software and electronic documentation; Warranty Guides; HIGS; Erratas; M506x: Plus 550-sheet Paper Tray	All models: Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	All models: Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	All models: Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord
Dimensions (w x d x h)	365 x 368 x 268 mm	381 x 357 x 216 mm	418 x 376 x 289 mm	M506n/dn: 418 x 376 x 298 mm; M506x: 418 x 376 x 481 mm	431 x 466 x 380 mm	M608n/dn: 431 x 466 x 380 mm; M608x: 431 x 466 x 505 mm	M609dn: 431 x 466 x 380 mm; M609x: 431 x 466 x 505 mm
Weight	10 kg	8.58 kg	M501n: 11.4 kg; M501dn: 11.6 kg	M506n: 11.6 kg; M506dn: 11.8 kg; M506x: 15.8 kg	21.6 kg	21.6 kg	21.6 kg
Media size	Tray 1: A4, A5, A6, B5, envelopes (C5, B5, DL); Tray 2: A4, A5, A6	Tray 1: A4, A5, A6, B5 (JIS), Oficio, Oficio (216 x 340 mm), 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), Japanese Postcard, Double Japan Postcard Rotated, Envelope B5, Envelope C5, Envelope DL, Custom Size, A5-R, B6 (JIS); Tray 2 & Tray 3: A4, A5, A6, B5 (JIS), Oficio, Oficio (216 x 340 mm), 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), Custom Size, A5-R, B6 (JIS)	Tray 1: 10 x 15 cm, 16k (184 x 260 mm), 16k (195 x 270 mm), 16k (197 x 273 mm), A4, A5, A6, Envelope B5, Envelope C5, Custom, Envelope DL, B5 (JIS), B6 (JIS), Japanese Postcard, Double Japan Postcard Rotated, Oficio (216 x 340 mm); Tray 2 & Tray 3: 16k (184 x 260 mm), 16k (195 x 270 mm), 16k (197 x 273 mm), A4, A5, A6, Custom, B5 (JIS), B6 (JIS), Double Japan Postcard Rotated, Oficio (216 x 340 mm)	Tray 1: A4, A5, A6, B5, 16k, 10 x 15 cm, post cards (JIS single and double), envelopes (DL, C5, C6, B5); Tray 2: A4, A5, B5, 16k, double postcard; Optional trays 3+: A4, B5, 16k, double postcard; Optional Automatic Duplexer: A4	Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16k, envelopes (C5, B5, C6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K	All models: Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16k, envelopes (C5, B5, C6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K; M608x: Plus Feeder 3: A4, A5, A5-R, B5 (JIS), 16K	All models: Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16k, envelopes (C5, B5, C6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K; M609x: Plus Feeder 3: A4, A5, A5-R, B5 (JIS), 16K
Media weight	Tray 1: 60 to 163 g/m ² (straight through paper path for special media); Tray 2: 60 to 120 g/m ²	Tray 1: 60 to 175 g/m ² ; Tray 2, Optional 550-sheet Tray 3: 60 to 120 g/m ²	Tray 1: 60 to 220 g/m ² ; Tray 2 & Tray 3: 60 to 220 g/m ²	Tray 1: 60 to 200 g/m ² ; Tray 2+: 60 to 120 g/m ²	Feeder 1: 60 to 199 g/m ² ; Feeder 2: 60 to 120 g/m ²	All models: Feeder 1: 60 to 199 g/m ² ; Feeder 2: 60 to 120 g/m ² ; M608x: Plus Feeder 3: 60 to 120 g/m ²	All models: Feeder 1: 60 to 199 g/m ² ; Feeder 2: 60 to 120 g/m ² ; M609x: Plus Feeder 3: 60 to 120 g/m ²
Control panel	6 lights (Jam, Toner low, Paper out, Attention, Ready, Go), 2 buttons (Go, Cancel)	2-line backlit LCD graphic display; Buttons (OK, Menu, Cancel, Back); LED indicator lights (Attention, Ready)	2-line; backlit text display; 6 buttons (Cancel job, Up arrow, Down arrow, Select, Back, Settings) and 12 key numerical	M506n/dn: 4-line colour LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy); M506x: 10.9 cm touchscreen with colour graphics	6.86 cm QVGA LCD (colour graphics) rotating (adjustable angle) display with 24-key pad	M608n/dn: 6.86 cm QVGA LCD (colour graphics) rotating (adjustable angle) display with 24-key pad; M608x: 10.92 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button	M609dn: Rotating 2.7-in QVGA LCD (colour graphics) with 24 key pad; M609x: 10.92 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Printer series	HP LaserJet P2035 (CE461A)	HP LaserJet Pro M403n (F6J41A) HP LaserJet Pro M403d (F6J42A) HP LaserJet Pro M403dn (F6J43A) HP LaserJet Pro M403dw (F6J44A)	HP LaserJet Pro M501n (J8H60A) HP LaserJet Pro M501dn (J8H61A)	HP LaserJet Enterprise M506n (F2A68A) HP LaserJet Enterprise M506dn (F2A69A) HP LaserJet Enterprise M506x (F2A70A)	HP LaserJet Enterprise M607n (K0Q14A) HP LaserJet Enterprise M607dn (K0Q15A)	HP LaserJet Enterprise M608n (K0Q17A) HP LaserJet Enterprise M608dn (K0Q18A) HP LaserJet Enterprise M608x (K0Q19A)	HP LaserJet Enterprise M609dn (K0Q21A) HP LaserJet Enterprise M609x (K0Q22A)
HP Care Packs	HP 3y NBD LaserJet P2035 HW Support (UK932E) HP 1y PW NBD LaserJet P2035 HW Support (UK936PE) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J11E)	HP 3y NBD LaserJet M403 HW Support (U8TM2E) HP 5y NBD LaserJet M403 HW Support (U8TM4E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J11E)	HP 3y NBD + DMR LaserJet Pro M501 HW Support (U9CQ0E) HP 5y NBD + DMR LaserJet Pro M501 HW Support (U9CQ2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J12E)	HP 3y NBD + DMR LaserJet M506 HW Support (U9PK3E) HP 5y NBD + DMR LaserJet M506 HW Support (U9PK5E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J11E)	HP 3y NBD + DMR LaserJet M607 HW Support (U9MU0E) HP 4y NBD + DMR LaserJet M607 HW Support (U9MU1E) HP 5y NBD + DMR LaserJet M607 HW Support (U9MU2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J12E)	HP 3y NBD + DMR LaserJet M608 HW Support (U9NE0E) HP 4y NBD + DMR LaserJet M608 HW Support (U9NE1E) HP 5y NBD + DMR LaserJet M608 HW Support (U9NE2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J12E)	HP 3y NBD + DMR LaserJet M609 HW Support (U9MZ0E) HP 4y NBD + DMR LaserJet M609 HW Support (U9MZ1E) HP 5y NBD + DMR LaserJet M609 HW Support (U9MZ2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9J12E)
Replacement print cartridges	CE505A (Black) - 2,300 pages	CF228A/X (Black) - 3,000/9,200 pages	CF287A/X (Black) - 9,000/18,000 pages	CF287A/X (Black) - 9,000/18,000 pages	CF237A (Black) - 11,000 pages LOH24A (110V Maintenance Kit) - 150,000 pages LOH25A (220V Maintenance Kit) - 150,000 pages	CF237A/X/Y (Black) - 11,000/25,000/41,000 pages LOH24A (110V Maintenance Kit) - 150,000 pages LOH25A (220V Maintenance Kit) - 150,000 pages	CF237A/X/Y (Black) - 11,000/25,000/41,000 pages LOH24A (110V Maintenance Kit) - 150,000 pages LOH25A (220V Maintenance Kit) - 150,000 pages

HP Line-up Map A4 Printers (LaserJet and PageWide)

January 2018 Edition



Single Function Printers (Colour)

Technical Specifications



	HP Color LaserJet Pro M452 Printer Series	HP PageWide Pro 452 Printer Series	HP PageWide Pro P552dw Printer	HP Color LaserJet Enterprise M552dn Printer	HP Color LaserJet Enterprise M553 Printer Series	HP PageWide Enterprise Color 556 Printer Series	HP Color LaserJet Enterprise M652dn Printer	HP Color LaserJet Enterprise M653 Printer Series
Product Description	Ideal printing performance and robust security for how you work. This capable colour printer finishes jobs faster and delivers comprehensive security to guard against threats. ¹ Original HP Toner cartridges with JetIntelligence produce more pages. ²	Ultimate value and speed—HP PageWide Pro delivers the lowest colour cost and fastest speeds in its class. ^{13,14} Get professional-quality colour plus best-in-class security features and energy efficiency. ^{15,16}	Ultimate value and speed—HP PageWide Pro delivers the lowest colour cost and fastest speeds in its class. ^{13,14} Get professional-quality colour plus best-in-class security features and energy efficiency. ^{15,16}	As business accelerates, workgroups need to stay ahead. That's why HP designed this affordable, energy-efficient printer, with Original HP Toner cartridges with JetIntelligence, to produce professional-quality colour documents quickly and easily.	Speed and colour are the perfect pair for your business. That's why this energy-efficient printer and Original HP Toner cartridges with JetIntelligence combine to produce vibrant, professional-quality documents right when employees need them.	Ultimate value for today's enterprise—HP PageWide Technology delivers the fastest speeds ¹³ and deepest security ¹⁷ for the lowest colour cost. ¹⁸ Count on productivity and unparalleled multi-level security. ¹⁷	This HP Colour LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security. ³	This HP Colour LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security. ³
Print volumes								
Number of users	3-10 Users	3-10 Users	5-15 Users	5-15 Users	5-15 Users	5-15 Users	10-30 Users	10-30 Users
AIO function	Print only	Print only	Print only	Print only	Print only	Print only	Print only	Print only
Speed (A4/Letter)	Black: Up to 27 ppm/28 ppm; Colour: Up to 27 ppm/28 ppm	Black: Up to 55 ppm/55 ppm; Colour: Up to 55 ppm/55 ppm	Black: Up to 70 ppm/70 ppm; Colour: Up to 70 ppm/70 ppm	Black: Up to 33 ppm/35 ppm; Colour: Up to 33 ppm/35 ppm	Black: Up to 38 ppm/40 ppm; Colour: Up to 38 ppm/40 ppm	Black: Up to 75 ppm/75 ppm; Colour: Up to 75 ppm/75 ppm	Black: Up to 47 ppm/50 ppm; Colour: Up to 47 ppm/50 ppm	Black: Up to 56 ppm/60 ppm; Colour: Up to 56 ppm/60 ppm
First-page-out (A4)	Black: As fast as 9.0 seconds; Colour: As fast as 8.9 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 6.0 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 6.0 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 7.1 seconds; Colour: As fast as 7.3 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 6.5 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 5.8 seconds
Resolution technologies	HP ImageREt 3600, PANTONE® calibrated	HP PageWide Technology with pigmented inks	HP PageWide Technology with pigmented inks	HP ImageREt 3600, PANTONE® calibrated	HP ImageREt 3600, PANTONE® calibrated	HP PageWide Technology with pigmented inks	HP ImageREt 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); PANTONE® calibrated	HP ImageREt 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); PANTONE® calibrated
Monthly duty cycle (Max.)	Up to 50,000 pages	Up to 50,000 pages	Up to 80,000 pages	Up to 80,000 pages	Up to 80,000 pages	Up to 80,000 pages	Up to 100,000 pages	Up to 120,000 pages
Recommended monthly print volume (RMPV)	750 to 4,000 pages	750 to 4,500 pages	1,000 to 6,000 pages	2,000 to 6,000 pages	2,000 to 7,500 pages	2,000 to 7,500 pages	2,000 to 14,000 pages	2,000 to 17,000 pages
Duplex (Two-sided printing)	M452nw: Manual (driver support provided); M452dn/dw: Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	M553n: Manual (driver support provided); M553dn/x: Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
Printer language	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation	HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation	HP PCL 6; HP PCL 5c; HP Postscript level 3 emulation, native PDF printing (v 1.7), XPS	HP PCL 6; HP PCL 5c; HP Postscript level 3 emulation, native PDF printing (v 1.7)	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)	HP PCL 6; HP PCL 5c; HP Postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)	HP PCL 6; HP PCL 5c; HP Postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
Input capacity (Std)	50-sheet multipurpose tray, 250-sheet input tray; Optional 550-sheet tray	500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet tray	500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet tray, 2x500-sheet paper tray and stand	100-sheet multipurpose tray, 550-sheet input tray 2; Optional 550-sheet media input tray 3	M553n/dn: 100-sheet multipurpose tray, 550-sheet input tray 2; Optional: 550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5; M553x: Plus 550-sheet media input tray 3	500-sheet input tray, 50-sheet multipurpose tray; Optional 500-sheet tray 3; Optional integrated cart/stand with 500-sheet tray 3, 500-sheet tray 4, and 500-sheet tray 5	100-sheet multi-purpose tray, 550-sheet input tray 2; Optional: 1x550-sheet paper feeder, 1x550-sheet Paper Feeder with Stand and Cabinet, 3x550-sheet Paper Feeder with Stand, 1x550/2,000-sheet HCl Feeder and Stand	M653dn: 100-sheet multi-purpose tray, 550-sheet input tray 2; Optional: 1x550-sheet paper feeder, 1x550-sheet Paper Feeder with Stand and Cabinet, 3x550-sheet Paper Feeder with Stand, 1x550/2,000-sheet HCl Feeder and Stand; M653x: 100-sheet multi-purpose tray, 550-sheet input tray 2, 3; Optional 1x550-sheet feeder
Output capacity (Std)	150-sheet output bin	300-sheet face-down output bin	300-sheet face-down output bin	250-sheet output bin	250-sheet output bin	300 sheet face-down output bin	500-sheet output bin	500-sheet output bin
Connectivity								
Interfaces	All models: Hi-Speed USB 2.0 port; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB; M452dn/dw: Plus Host USB	All models: 1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 452dw: Plus 802.11 b/g/n Station; 802.11 b/g Access Point	1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000Base-TX network port	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000Base-TX network port	All models: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hardware Integration Pocket; S56hx: Plus 1 Wireless 802.11 b/g/n; NFC Interface	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket	All models: 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket; M653x: Plus 1 Wi-Fi direct 802.11 b/g/n; 1 Bluetooth low energy
Operating systems	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®
General features								
Memory (Std/Max.)	256MB NAND Flash, 128MB DRAM	512 MB	512 MB	1 GB	1 GB	1280 MB/2304 MB	1 GB expandable to 2 GB through one 144-pin DDR3 DIMM slot	1 GB expandable to 2 GB through one 144-pin DDR3 DIMM slot
Processor speed	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz
What's in the box	All models: Printer; 4 preinstalled Introductory HP 410A LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow: ~1,200 pages); In-box documentation (Getting Started Guide, Install Poster); Software drivers and documentation on CD-ROM; Power cord; USB cable	All models: Printer; Setup cartridges; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Printer; HP 975A Setup Black PageWide Cartridge (~3,500 pages); HP 975A Setup Cyan PageWide Cartridge; HP 975A Setup Magenta PageWide Cartridge; HP 975A Setup Yellow PageWide Cartridge (CMY composite ~2,000 pages); USB cable; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide).	Printer; Four preinstalled HP LaserJet toner cartridges (yield ~6,000 pages black and ~5,000 pages colour); Toner collection unit; In-box documentation; Software CD; Power Cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2	All models: Printer; Four preinstalled HP LaserJet toner cartridges (yield ~6,000 pages black and ~5,000 pages colour); Toner collection unit; In-box documentation; Software CD; Power Cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2; M553x: Plus 550-sheet input tray 3	All models: Printer; HP Setup Ink Cartridges (yield after setup ~6,000 pages CMYK); Installation guide, Support flyer; Software drivers and documentation on CD-ROM; Power cord	Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield); HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	All models: Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield); HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord; M653x: Plus 1x550-sheet paper feeder
Dimensions (w x d x h)	M452nw: 412 x 453 x 295 mm; M452dn/dw: 412 x 469 x 295 mm	530 x 407 x 378.9 mm	530 x 407 x 419.5 mm	458 x 479 x 399 mm	M553n/dn: 458 x 479 x 399 mm; M553x: 458 x 479 x 581 mm	S56dn: 530 x 463 x 457 mm; S56hx: 530 x 463 x 597 mm	510 x 458 x 482 mm	M653dn: 510 x 458 x 510 mm; M653x: 510 x 458 x 640 mm
Weight	M452nw: 17.5 kg; M452dn/dw: 18.9 kg	16.38 kg	16.80 kg	27.5 kg	M553n: 27 kg; M553dn: 27.5 kg; M553x: 33.4 kg	S56dn: 22.2 kg; S56hx: 28.8 kg	31.2 kg	M653dn: 31.3 kg; M653x: 37.5 kg
Media size	Tray 1, Tray 2: A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5); Optional Tray 3: A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double) M452dn: Plus Automatic duplexer: A4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio (216 x 340 mm), M452dw: Plus Automatic duplexer: A4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm)	Tray 1: Oficio; A4; A5; A6; B5 (JIS); B6 (JIS); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (JIS); 16K	Tray 1: Oficio; A4; A5; A6; B5 (JIS); B6 (JIS); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (JIS); 16K	Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Tray 3: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm	Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3+: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm	S56dn: Tray 1: Oficio; A4; A5; A6; B5 (JIS); B6 (JIS); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); S56hx: Plus Tray 3: A4; A5; B5 (JIS); 16K	Tray 1: A4, A5, A6, RA4, B5, B6, 16K, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard; Optional 550-sheet trays 3, 4, 5: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard; Optional 2,000-sheet high-capacity Tray 4: A4	All models: Tray 1: A4, A5, A6, RA4, B5, B6, 16K, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard; Optional 550-sheet trays 3, 4, 5: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard; Optional 2,000-sheet high-capacity Tray 4: A4; M653x: Plus Tray 3: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard; Optional Tray 4: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16K, Dpostcard
Media weight	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Colour laser glossy photo papers); Tray 2: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Colour laser glossy photo papers); Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media); M452dn/dw: Plus Automatic duplexer: 60 to 163 g/m ²	Tray 1: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 2: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 3, 4: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)	Tray 1: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 2: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 3, 4: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Tray 3: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Trays 3+: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)	All models: Tray 1, 2: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); S56dn: Plus Optional Tray 3, 4, 5: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); S56hx: Plus Tray 3 or Trays 3-5: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)	Tray 1: 60-220 g/m ² (plain), 120 to 220 g/m ² (glossy); Tray 2 and automatic two-sided printing unit: 60 to 163 g/m ² (glossy); Optional Trays 3, 4, 5: 1x550-sheet feeders: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); Optional Tray 4: 2,000 high capacity input: 60-163 g/m ² (plain)	All models: Tray 1: 60-220 g/m ² (plain), 120 to 220 g/m ² (glossy); Tray 2 and automatic two-sided printing unit: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); M653dn: Plus Optional Trays 3, 4, 5: 1x550-sheet feeders: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); Optional Tray 4: 2,000 high capacity input: 60-163 g/m ² (plain); M653x: Plus Trays 3: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy); Optional Tray 4: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy)
Control panel	M452nw/dn: 2-line backlit LCD graphic display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention, Ready); M452dw: 7.62 cm intuitive colour touchscreen; 3 Buttons (Home, Help, Back)	5.08 cm MGD (Monochrome Graphic Display)	10.92 cm CGD (Colour Graphic Display), IR touchscreen	4-line colour LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy)	M553n/dn: 4-line dimmable colour LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy); M553x: 10.9 cm touchscreen with colour graphics	10.92 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)	6.86 cm QVGA LCD (colour graphics) rotating (adjustable angle) display with 24-key pad	10.92 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Printer series	HP Color LaserJet Pro M452nw (CF388A) HP Color LaserJet Pro M452dn (CF389A) HP Color LaserJet Pro M452dw (CF394A)	HP PageWide Pro 452dn Printer (D3Q15D) - CH only HP PageWide Pro 452dw Printer (D3Q16D)	HP PageWide Pro 552dw Printer (D3Q17D)	HP Color LaserJet Enterprise M552dn (B5L23A) HP Color LaserJet Enterprise M553dn (B5L25A) HP Color LaserJet Enterprise M553x (B5L26A)	HP Color LaserJet Enterprise M553n (B5L24A) HP Color LaserJet Enterprise M553dn (B5L25A) HP Color LaserJet Enterprise M553x (B5L26A)	HP PageWide Enterprise Color 556dn (G1W46A) HP PageWide Enterprise Color 556hx (G1W47A)	HP Color LaserJet Enterprise M652dn (J7Z99A)	HP Color LaserJet Enterprise M653dn (J8A04A) HP Color LaserJet Enterprise M653x (J8A05A)
HP Care Packs	HP 3y NBD Color LaserJet M452 HW Support (U8TNI1E) HP 5y NBD Color LaserJet M452 HW Support (U8TNI3E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD PageWide Pro 452 HW Support (U8ZZ2E) HP 4y NBD PageWide Pro 452 HW Support (U8ZZ3E) HP 5y NBD PageWide Pro 452 HW Support (U8ZZ4E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD PageWide Pro 552 HW Support (U8ZZ2E) HP 4y NBD PageWide Pro 552 HW Support (U8ZZ3E) HP 5y NBD PageWide Pro 552 HW Support (U8ZZ4E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD + DMR Color LaserJet M552 Support (U8CG3E) HP 4y NBD + DMR Color LaserJet M552 Support (U8CHOE) HP 5y NBD + DMR Color LaserJet M552 Support (U8CH1E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD + DMR Color LaserJet M553 Support (U8CG3E) HP 4y NBD + DMR Color LaserJet M553 Support (U8CHOE) HP 5y NBD + DMR Color LaserJet M553 Support (U8CH1E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD + DMR Color PageWide Enterprise 556 HW Support (U9CV7E) HP 4y NBD + DMR Color PageWide Enterprise 556 HW Support (U9CV8E) HP 5y NBD + DMR Color PageWide Enterprise 556 HW Support (U9CV9E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)	HP 3y NBD + DMR Color LaserJet M652 Support (U9NZ6E) HP 4y NBD + DMR Color LaserJet M652 Support (U9NZ7E) HP 5y NBD + DMR Color LaserJet M652 Support (U9NZ8E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)	HP 3y NBD + DMR Color LaserJet M653 Support (U9NZ6E) HP 4y NBD + DMR Color LaserJet M653 Support (U9NZ7E) HP 5y NBD + DMR Color LaserJet M653 Support (U9NZ8E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)
Replacement print cartridges	CF410A/X (Black) - 2,300/6,500 pages CF411A/X (Cyan) - 2,300/5,000 pages CF412A/X (Yellow) - 2,300/5,000 pages CF413A/X (Magenta) - 2,300/5,000 pages	LOR97AA (Black) - 3,500 pages LOS09AA (Black) - 10,000 pages LOR88AA (Cyan) - 3,000 pages LOS00AA (Cyan) - 7,000 pages LOR94AA (Yellow) - 3,000 pages LOS06AA (Yellow) - 7,000 pages LOR91AA (Magenta) - 3,000 pages LOS03AA (Magenta) - 7,000 pages	LOR97AA (Black) - 3,500 pages LOS09AA (Black) - 10,000 pages LOR08A (Black) - 17,000 pages LOR88AA (Cyan) - 3,000 pages LOS00AA (Cyan) - 7,000 pages LOR05A (Cyan) - 13,000 pages LOR94AA (Yellow) - 3,000 pages LOS06AA (Yellow) - 7,000 pages LOR07A (Yellow) - 13,000 pages LOR91AA (Magenta) - 3,000 pages LOS03AA (Magenta) - 7,000 pages LOR06A (Magenta) - 13,000 pages	CF360A/X (Black) - 6,000/12,500 pages CF361A/X (Cyan) - 5,000/9,500 pages CF362A/X (Yellow) - 5,000/9,500 pages CF363A/X (Magenta) - 5,000/9,500 pages	CF360A/X (Black) - 6,000/12,500 pages CF361A/X (Cyan) - 5,000/9,500 pages CF362A/X (Yellow) - 5,000/9,500 pages CF363A/X (Magenta) - 5,000/9,500 pages	JM71A (Black) - 6,000 pages LOR12A (Black) - 11,000 pages LOR16A (Black) - 20,000 pages JM68A (Cyan) - 6,000 pages LOR09A (Cyan) - 10,000 pages LOR13A (Cyan) - 16,000 pages JM70A (Yellow) - 6,000 pages LOR11A (Yellow) - 10,000 pages LOR15A (Yellow) - 16,000 pages JM69A (Magenta) - 6,000 pages P1B92A (220V Maintenance Kit) - 150		

HP Line-up Map A4 Printers (LaserJet and PageWide)

January 2018 Edition



Multi-Function Printers (Mono)

Technical Specifications



	HP LaserJet Pro MFP M427 Series	HP LaserJet Pro MFP M521 Series	HP LaserJet Enterprise MFP M527 Series	HP LaserJet Enterprise MFP M631 dn	HP LaserJet Enterprise MFP M632 Series	HP LaserJet Enterprise MFP M633 Series
Product Description	Fast print, scan, copy, and fax (M427fdn/fdw only) performance plus robust, comprehensive security built for how you work. This MFP finishes key tasks faster and guards against threats. ¹ Original HP Toner cartridges with JetIntelligence give you more pages. ⁴	Finish jobs faster, produce high-quality documents, and make scanning and sharing simple. Get set up and connected quickly. Send quick commands from an intuitive colour touchscreen. Easily conserve resources and recycle used cartridges.	Finish tasks faster with an MFP that starts right away and helps conserve energy. ¹ Multi-level device security helps protect from threats. ^{1,2} Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages. ⁵	This HP LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ³	This HP LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ³	This HP LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security. ³
Print volumes						
Number of users	3-10 Users	5-15 users	5-15 users	10-30 Users	10-30 Users	10-30 Users
AIO function	Print, copy, scan, fax (M427fdn/fdw only), digital send	Print, copy, scan, fax	Print, copy, scan, fax (M527f/c/z only), digital send	Print, copy, scan	Print, copy, scan, fax (M632fht/z only)	Print, copy, scan, fax
Speed (A4/Letter)	Black: Up to 38 ppm/40 ppm	Black: Up to 40 ppm/42 ppm	Black: Up to 43 ppm/45 ppm	Black: Up to 52 ppm/55 ppm	Black: Up to 61 ppm/65 ppm	Black: Up to 71 ppm/75 ppm
First-page-out (A4)	Black: As fast as 5.6 seconds; As fast as 13.2 seconds (100 V)	Black: As fast as 8.0 seconds	Black: As fast as 5.7 seconds; As fast as 11.2 seconds (100 V)	Black: As fast as 5.4 seconds	Black: As fast as 5.4 seconds	Black: As fast as 5.4 seconds
Resolution technologies	HP FastRes 1200, HP ProRes 1200, 600 dpi	HP FastRes 1200 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 dpi), 600 x 600 dpi	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200	FastRes 1200; 1200 x 1200 dpi	FastRes 1200; 1200 x 1200 dpi	FastRes 1200; 1200 x 1200 dpi
Monthly duty cycle (Max.)	Up to 80,000 pages	Up to 75,000 pages	Up to 150,000 pages	Up to 300,000 pages	Up to 300,000 pages	Up to 300,000 pages
Recommended monthly print volume (RMPV)	750 to 4,000 pages	2,000 to 6,000 pages	2,000 to 7,500 pages	5,000 to 30,000 pages	5,000 to 30,000 pages	5,000 to 30,000 pages
Duplex (Two-sided printing)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
Printer language	HP PCL 5, HP PCL 6, HP postscript level 3 emulation, direct PDF (v 1.7) printing, URF, PCLm, PWG, Native Office	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7)	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Input capacity (Std)	100-sheet tray 1, 250-sheet input tray 2, Optional third 550-sheet tray	100-sheet multipurpose tray, 500-sheet input tray 2, Optional 500-sheet tray (add up to 1 trays)	1 x 550-sheet input tray; 1 x 100-sheet multipurpose tray; 3 x optional additional 550-sheet input trays	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Optional: 1 x 550-sheet paper feeder, 1 x 550-sheet paper feeder with cabinet, 2,000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder	All models: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; M632ht: Plus Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with stand and cabinet, 2,000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional envelope feeder; M632fht: Plus 550-sheet input feeder with stand and cabinet, Optional 1 x 550-sheet feeder, optional envelope feeder; M632z: Plus 2,000-sheet input feeder with 550 sheet input feeder, Optional 1 x 550-sheet paper feeder, envelope feeder	All models: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; M633fh: Plus Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with stand and cabinet, 2,000-sheet feeder high capacity input with 1 x 550-sheet paper feeder and stand, optional 3 x 550-sheet feeder and stand, optional envelope feeder; M633z: Plus 2,000-sheet input feeder with 550 sheet input feeder, Optional 1 x 550-sheet paper feeder, envelope feeder
Output capacity (Std)	150-sheet output bin	250-sheet output bin, 100-sheet rear output bin	All models: 250-sheet output bin; M527f/c/z: Plus convenience stapler	500-sheet output feeder, two-sided printing	All models: 500-sheet output feeder, two-sided printing; M632z: Plus 500 sheet output stapler stacker	All models: 500-sheet output feeder, two-sided printing; M633z: Plus 500 sheet output stapler stacker
Copy						
Resolution	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi (flatbed); 600 x 450 dpi (ADF)	600 x 600 dpi (flatbed); 600 x 450 dpi (ADF)	600 x 600 dpi (flatbed); 600 x 450 dpi (ADF)
Speed (A4)	Black: Up to 38 cpm/40 cpm	Black: Up to 40 cpm/42 cpm	Black: Up to 43 cpm/45 cpm	Black: Up to 52 cpm/55 cpm	Black: Up to 61 cpm/65 cpm	Black: Up to 71 cpm/75 cpm
First-copy-out	Black: As fast as 7.2 seconds	Black: As fast as 9.0 seconds	Black: As fast as 6.3 seconds; As fast as 11.0 seconds (100 V)	Black: As fast as 4.9 seconds	Black: As fast as 4.9 seconds	Black: As fast as 4.9 seconds
Reduce/enlarge	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%
Maximum copies	Up to 99 copies	Up to 99 copies	Up to 9,999 copies	Up to 9,999 copies	Up to 9,999 copies	Up to 9,999 copies
Scan						
Type (Flatbed/Sheet fed)	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF (two-sided, single-pass)	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF
Resolution	Up to 1200 x 1200 dpi	Up to 300 x 300 dpi (colour, grayscale and mono, ADF); Up to 1200 x 1200 dpi (colour, grayscale and mono, flatbed)	Up to 600 x 600 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi
Glass size	297 x 216 mm	216 x 297 mm	216 x 356 mm	220 x 365 mm	220 x 365 mm	220 x 365 mm
ADF capacity	50 sheets	50 sheets	100 sheets	150 sheets	150 sheets	150 sheets
Fax						
Speed	M427fdn/fdw: 33.6 kbps (4.2 kB/s)	33.6 kbps	M527f/c/z: 33.6 kbps (4.2 kB/s)	Not available	M632fht/z: 33.6 kbps	33.6 kbps
Memory	M427fdn/fdw: 4 MB (250 slerexe pages at standard resolution)	Up to 250 pages	M527f/c/z: Up to 500 pages	Not available	M632fht/z: Greater than 500	Up to 500 pages
Fax settings	M427fdn/fdw: Send via PC	Scan and receive fax via PC	M527f/c/z: Send via PC	Not available	M632fht/z: Send via PC	Send via PC
Connectivity						
Interfaces	All models: 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; Easy-access USB; M427fdw/fdw: Plus 1 Wireless 802.11b/g/n	All models: 1 Hi-Speed USB 2.0 Device; 1 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000Base-TX; 1 Telecom; 1 Phone; M521dw: Plus 1 Wireless 802.11b/g/n	All models: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; M527f/c: Plus 1 Fax; M527z: Plus 802.11 b/g/n with Wireless Direct	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	All models: 1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; M632z: Plus 1 Fax	All models: 1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax; M633z: Plus 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy
Operating systems	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/Unix®/Linux®	Microsoft® Windows®/Macintosh®/Unix®/Linux®	Microsoft® Windows®/Macintosh®/Unix®/Linux®
General features						
Memory (Std/Max.)	256 MB	256 MB	1.25 GB expandable to 2.56 GB through 1 GB 144-Pin SODIMM HP accessory	1.5 GB expandable to 2.5 GB through one 144-pin DDR3 DIMM slot	M632h/fht: 1.5 GB/2 GB; M632z: 1.5 GB/2.5 GB	M633fh: 1.5 GB/2 GB; M633z: 1.5 GB/2.5 GB
Processor speed	1.2 GHz	800 MHz	1.2 GHz	1.2GHz	1.2GHz	1.2GHz
What's in the box	All models: Printer; Preinstalled HP 26A Black LaserJet Toner Cartridge (~3,100 pages); Getting Started Guide; Setup Poster; Support Flyer; Warranty Guide; Printer documentation and software on CD-ROM; Power cord; USB cable; Plus Phone cord	All models: Printer; HP LaserJet Black introductory cartridge (~6,000 pages); Printer documentation and software on CD-ROM; Installation guide, Support Flyer, Warranty Card; Power cord; USB cable; Fax Cable	All models: Printer; Introductory HP Black Original LaserJet Toner Cartridge (~ 6,000 pages); CDs containing software and electronic documentation; User Guide; Support Flyers; Warranty Cards; Required Erratas; Fax cable	Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	All models: Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	All models: Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord
Dimensions (w x d x h)	420 x 390 x 323 mm	465 x 465 x 508 mm	482 x 496 x 497 mm	512 x 558 x 640 mm	M632h: 512 x 558 x 640 mm; M632fht: 665 x 600 x 1094 mm; M632z: 661 x 658 x 1234 mm	M633fh: 512 x 558 x 640 mm; M633z: 661 x 658 x 1234 mm
Weight	12.86 kg	M521dn: 22.3 kg; M521dw: 22.4 kg	M527dn: 21.9 kg; M527f: 22.0 kg; M527c: 22.1 kg; M527z: 22.3 kg	33.2 kg	M632h: 33.2 kg; M632fht: 52.5 kg; M632z: 64.3 kg	M633fh: 33.2 kg; M633z: 64.3 kg
Media size	Tray 1: Letter; Legal; Executive; Oficio (8.5 x 13 in); A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Japanese Postcard; Double Japan Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size; A5-R; 4 x 6 in; 5 x 8 in; B6 (JIS); 10 x 15 in; statement; Tray 2 & Tray 3: Letter; Legal; Executive; Oficio (8.5 x 13 in); A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 5 x 8 in; B6 (JIS); statement	A4, RA4, Oficio 216 x 343 mm, Oficio 216 x 347 mm, 10 x 15 cm, B5(JIS), B6(JIS), Postcard(JIS), Double Postcard(JIS), A5, A6, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm	Tray 1: A4, A5, A6, B5, 16k, 10 x 15 cm, post cards (JIS single and double), envelopes (DL, C5, C6, B5); Tray 2: A4, A5, B5, 16k, double postcard; Optional trays 3: A4, B5, 16k, double postcard; Optional Automatic Duplexer: A4	Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, envelopes (C5, B6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K	Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, envelopes (C5, B6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K	Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, envelopes (C5, B6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K
Media weight	Tray 1: 60 to 175 g/m ² ; Tray 2, optional 550-sheet tray 3: 60 to 120 g/m ²	Tray 1: 52 to 199 g/m ² ; Tray 2, 3: 52 to 120 g/m ²	Tray 1: 60 to 200 g/m ² ; Tray 2+: 60 to 120 g/m ²	Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ²	Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ²	Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ²
Control panel	7.6 cm touchscreen Colour Graphic Display (CGD)	M521dn: 8.89 cm intuitive touchscreen control panel with colour graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error); M521dw: Plus LED indicator lights (Ready, Error, Wireless)	M527dn/f: 20.3 cm colour LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); M527c/z: Plus Integrated Keyboard	20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)	M632h/fht: 20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); M632z: Plus Extended Keyboard	M633fh: 20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); M633z: Plus Extended Keyboard
Printer series	HP LaserJet Pro MFP M427dw (CSF97A) HP LaserJet Pro MFP M427fdn (CSF98A) HP LaserJet Pro MFP M427fdw (CSF99A)	HP LaserJet Pro MFP M521dn (A8P79A) HP LaserJet Pro MFP M521dw (A8P80A)	HP LaserJet Enterprise MFP M527dn (F2A76A) HP LaserJet Enterprise MFP M527f (F2A77A) HP LaserJet Enterprise Flow MFP M527c (F2A81A) HP LaserJet Enterprise Flow MFP M527z (F2A78A)	HP LaserJet Enterprise MFP M631 dn (J8J63A)	HP LaserJet Enterprise MFP M632h (J8J70A) HP LaserJet Enterprise MFP M632fht (J8J71A) HP LaserJet Enterprise Flow MFP M632z (J8J72A)	HP LaserJet Enterprise MFP M633fh (J8J76A) HP LaserJet Enterprise Flow MFP M633z (J8J78A)
HP Care Packs	HP 3y NBD LaserJet M427 MFP HW Support (U8TQ9E) HP 5y NBD LaserJet M427 MFP HW Support (U8TR1E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD + DMR LaserJet Pro M521 MFP Support (U6Z65E) HP 3y 4h 9x5 LaserJet Pro M521 MFP HW Support (U6Z61E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT1E)	HP 3y NBD + DMR LaserJet M527 MFP HW Support (U8TT5E) HP 3y 4h 9x5 + DMR LaserJet M527 MFP HW Support (U8TT8E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)	HP 3y NBD + DMR LaserJet Enterprise M631 Support (U9NK0E) HP 4y NBD + DMR LaserJet Enterprise M631 Support (U9NK1E) HP 5y NBD + DMR LaserJet Enterprise M631 Support (U9NK2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)	HP 3y NBD + DMR LaserJet Enterprise M632 Support (U9NK0E) HP 4y NBD + DMR LaserJet Enterprise M632 Support (U9NK1E) HP 5y NBD + DMR LaserJet Enterprise M632 Support (U9NK2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)	HP 3y NBD + DMR LaserJet Enterprise M633 Support (U9NK0E) HP 4y NBD + DMR LaserJet Enterprise M633 Support (U9NK1E) HP 5y NBD + DMR LaserJet Enterprise M633 Support (U9NK2E) Installation for 1 Network Configuration for Dept and Color LaserJet printer (U9JT2E)
Replacement print cartridges	CF228A/X (Black) - 3,000/9,200 pages	CE255A/X (Black) - 6,000/13,500 pages	CF287A/X (Black) - 9,000/18,000 pages	CF237A/X/Y (Black) - 11,000/25,000/41,000 pages J8J87A (110V Maintenance Kit) - 150,000 pages J8J88A (220V Maintenance Kit) - 150,000 pages J8J95A (300 ADF Roller Replacement Kit) - 150,000 pages	CF237A/X/Y (Black) - 11,000/25,000/41,000 pages J8J87A (110V Maintenance Kit) - 150,000 pages J8J88A (220V Maintenance Kit) - 150,000 pages J8J95A (300 ADF Roller Replacement Kit) - 150,000 pages	CF237A/X/Y (Black) - 11,000/25,000/41,000 pages J8J87A (110V Maintenance Kit) - 150,000 pages J8J88A (220V Maintenance Kit) - 150,000 pages J8J95A (300 ADF Roller Replacement Kit) - 150,000 pages

HP Line-up Map A4 Printers (LaserJet and PageWide)



January 2018 Edition

Multi-Function Printers (Colour)



Technical Specifications

	HP Color LaserJet Pro MFP M377dw	HP Color LaserJet Pro MFP M477 Series	HP PageWide Pro MFP 477 Series	HP PageWide Pro MFP 577 Series	HP LaserJet Pro 500 Color MFP M570 series	HP Color LaserJet Enterprise MFP M577 Series	HP PageWide Enterprise Color MFP 586 Series	HP Color LaserJet Enterprise MFP M681 Series	HP Color LaserJet Enterprise Flow MFP M682z
Product Description	Impressive performance at a great value, plus comprehensive security. This easy-to-use, small-in-class ¹ colour MFP helps you finish tasks fast and guard against threats. Original HP Toner cartridges with JetIntelligence produce more pages. ²	Unmatched print, scan, copy, and fax performance plus robust, comprehensive security for how you work. This colour MFP finishes key tasks faster and guards against threats. ³ Original HP Toner cartridges with JetIntelligence produce more pages. ²	Ultimate value and speed—HP PageWide Pro delivers the lowest colour cost and fastest speeds in its class. ¹¹⁻¹⁴ Get quick two-sided scanning, plus best-in-class security features and energy efficiency. ^{13,14}	Ultimate value and speed—HP PageWide Pro delivers the lowest colour cost and fastest speeds in its class. ¹¹⁻¹⁴ Get quick two-sided scanning, plus best-in-class security features and energy efficiency. ^{13,14}	Finish jobs faster, produce high-impact colour, and get set up and connected quickly. ¹⁵ Print from your smartphone or tablet with HP ePrint. ¹⁶ Easily conserve resources and recycle used cartridges. ¹¹	Ideal for enterprises and medium businesses that need a secure, highly productive, energy-efficient colour MFP.	Ultimate value for today's enterprise—HP PageWide Technology delivers the fastest speeds ¹⁷ and deepest security ¹⁹ for the lowest colour cost. ¹⁸ Power productivity with fast two-sided printing.	This HP Colour LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security. ¹	This HP Colour LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security. ¹
Print volumes									
Number of users	3-10 Users	3-10 Users	3-10 Users	5-15 Users	5-15 Users	5-15 Users	5-15 Users	10-30 Users	10-30 Users
Aio function	Print, copy, scan	Print, copy, scan, fax, digital send	Print, copy, scan, fax	Print, copy, scan, fax	Print, copy, scan, fax, digital send	Print, copy, scan, fax (M577fz only), digital send	Print, copy, scan, fax (S86fz only)	Print, copy, scan, fax (M681fz only)	Print, copy, scan, fax
Speed (A4/Letter)	Black: Up to 24 ppm/25 ppm; Colour: Up to 24 ppm/25 ppm	Black: Up to 27 ppm/28 ppm; Colour: Up to 27 ppm/28 ppm	Black: Up to 55 ppm/55 ppm; Colour: Up to 55 ppm/55 ppm	Black: Up to 70 ppm/70 ppm; Colour: Up to 70 ppm/70 ppm	Black: Up to 30 ppm/31 ppm; Colour: Up to 30 ppm/31 ppm	Black: Up to 75 ppm/75 ppm; Colour: Up to 75 ppm/75 ppm	Black: Up to 56 ppm/60 ppm; Colour: Up to 56 ppm/60 ppm	Black: Up to 47 ppm/50 ppm; Colour: Up to 47 ppm/50 ppm	Black: Up to 56 ppm/60 ppm; Colour: Up to 56 ppm/60 ppm
First-page-out (A4)	Black: As fast as 9.0 seconds; Colour: As fast as 9.9 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 7.0 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 6.5 seconds	Black: As fast as 10.5 seconds; Colour: As fast as 10.5 seconds	M577dn/f: Black: As fast as 5.6 seconds; Colour: As fast as 6.9 seconds; M577z: Black: As fast as 5.9 seconds; Colour: As fast as 6.9 seconds	Black: As fast as 7.1 seconds; Colour: As fast as 7.3 seconds	Black: As fast as 6.5 seconds; Colour: As fast as 6.5 seconds	Black: As fast as 5.8 seconds; Colour: As fast as 5.8 seconds
Resolution technologies	HP ImageREt 3600, PANTONE® calibrated	HP ImageREt 3600, PANTONE® calibrated	HP PageWide Technology with pigmented inks	HP PageWide Technology with pigmented inks	HP ImageREt 3600	HP PageWide 3600, Pantone Calibrated	HP PageWide Technology with pigmented inks	HP ImageREt 3600, 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); PANTONE® Calibrated	HP ImageREt 3600, 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); PANTONE® Calibrated
Monthly duty cycle (Max.)	Up to 50,000 pages	Up to 50,000 pages	Up to 50,000 pages	Up to 80,000 pages	Up to 75,000 pages	Up to 80,000 pages	Up to 80,000 pages	Up to 100,000 pages	Up to 120,000 pages
Recommended monthly print volume (RMPV)	750 to 4,000 pages	750 to 4,000 pages	750 to 4,500 pages	1,000 to 6,000 pages	1,500 to 4,000 pages	2,000 to 7,500 pages	2,000 to 7,500 pages	2,000 to 14,000 pages	2,000 to 17,000 pages
Duplex (Two-sided printing)	Automatic (standard)	M477fw: Manual (driver support provided); M477fdn: Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
Printer language	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF, Native Office	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF, Native Office	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v 1.7)	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
Input capacity (Std)	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Optional 550-sheet tray	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Optional 550-sheet tray	500-sheet input tray, 50-sheet multi-purpose tray, Optional 500-sheet tray	577dc: 500-sheet input tray, 50-sheet multi-purpose tray, Optional 500-sheet tray, 2x500-sheet paper tray and stand; 577z: Plus two 500-sheet accessory input trays	577dc: 500-sheet input tray, 50-sheet multi-purpose tray, Optional 500-sheet tray, 2x500-sheet paper tray and stand; 577z: Plus two 500-sheet accessory input trays	100-sheet multipurpose tray, 550-sheet input tray 2; Optional: 550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5	500-sheet input tray, 50-sheet multipurpose tray, 100-sheet ADF; Optional 550-sheet tray 3; Optional integrated cart/stand with 500-sheet tray 4, and 500-sheet tray 5	All models: 100-sheet multipurpose tray, 550-sheet input tray 2, 150-sheet automatic document feeder; M681dt: Plus Optional: 1x550-sheet paper feeder, 1x550-sheet paper feeder and stand with cabinet, 3x550-sheet paper feeder and stand, high-capacity paper feeder and stand with 1x550-sheet feeder and 1x2,000-sheet feeder; M681f: Plus 550-sheet input tray 3, M681z: Plus 550-sheet input trays 3, 4, 5	All models: 100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high capacity input tray 4, 150-sheet automatic document feeder
Output capacity (Std)	150-sheet output bin	150-sheet output bin	300-sheet face-down output bin	300-sheet face-down output bin	250-sheet face-down output bin	All models: 250-sheet output bin; M577fz: Plus convenience stapler	300-sheet face-down output bin	500-sheet output tray, 500-sheet output stapler stacker, two-sided printing	500-sheet output tray, 500-sheet output stapler stacker, two-sided printing
Copy									
Resolution	600 x 600 dpi	600 x 600 dpi	600 dpi	600 dpi	300 x 300 dpi	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi
Speed (A4)	Black: Up to 24 ppm/25 ppm; Colour: Up to 24 ppm/25 ppm	Black: Up to 27 ppm/28 ppm; Colour: Up to 27 ppm/28 ppm	Black: Up to 55 ppm/55 ppm; Colour: Up to 55 ppm/55 ppm	Black: Up to 70 ppm/70 ppm; Colour: Up to 70 ppm/70 ppm	Black: Up to 30 ppm/31 ppm; Colour: Up to 30 ppm/31 ppm	Black: Up to 75 ppm/75 ppm; Colour: Up to 75 ppm/75 ppm	Black: Up to 56 ppm/60 ppm; Colour: Up to 56 ppm/60 ppm	Black: Up to 47 ppm/50 ppm; Colour: Up to 47 ppm/50 ppm	Black: Up to 56 ppm/60 ppm; Colour: Up to 56 ppm/60 ppm
First-copy-out	Black: As fast as 9.8 seconds; Colour: As fast as 12.3 seconds	Black: As fast as 9.8 seconds; Colour: As fast as 12.3 seconds	Not applicable	Not applicable	Black: As fast as 10.5 seconds; Colour: As fast as 10.5 seconds	M577dn/f: Black: As fast as 5.6 seconds; Colour: As fast as 6.9 seconds; M577z: Black: As fast as 5.7 seconds; Colour: As fast as 6.9 seconds	Black: As fast as 7.4 seconds; Colour: As fast as 8.9 seconds	Black: As fast as 6.7 seconds; Colour: As fast as 7.2 seconds	Black: As fast as 6.0 seconds; Colour: As fast as 6.5 seconds
Reduce/enlarge	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%	25 to 400%
Maximum copies	Up to 99 copies	Up to 99 copies	Up to 99 copies	Up to 99 copies	Up to 99 copies	Up to 9,999 copies	Up to 9,999 copies	Up to 9,999 copies	Up to 9,999 copies
Scan									
Type (Flatbed/Sheet fed)	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF	Flatbed, ADF
Resolution	Up to 1200 x 1200 dpi	Up to 1200 x 1200 dpi	Up to 1200 x 1200 dpi	Up to 1200 x 1200 dpi	Up to 300 x 300 dpi (colour and mono, ADF); Up to 1200 x 1200 dpi (mono, flatbed)	Up to 600 x 600 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi
Glass size	216 x 297 mm	216 x 297 mm	216 x 356 mm	216 x 356 mm	216 x 297 mm	216 x 356 mm	216 x 356 mm	220 x 365 mm	220 x 365 mm
ADF capacity	50 sheets	50 sheets	50 sheets	50 sheets	50 sheets	100 sheets	150 sheets	150 sheets	150 sheets
Fax									
Speed	Not applicable	33.6 kbps	33.6 kbps	33.6 kbps	33.6 kbps	M577fz: 33.6 kbps	S86fz: 33.6 kbps	M681fz: 33.6 kbps	33.6 kbps
Memory	Not applicable	Up to 400 pages	Up to 100 pages (black and white); Up to 8 pages (colour)	Up to 100 pages (black and white); Up to 8 pages (colour)	Up to 250 pages	M577fz: Not applicable	S86fz: Not available	M681fz: Up to 500 pages	Up to 500 pages
Fax settings	Not applicable	Send via PC	Send via PC	Send via PC	Send via PC	M577fz: Send via PC	S86fz: Send via PC	M681fz: Send via PC	Send via PC
Connectivity									
Interfaces	Hi-Speed USB 2.0 port; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB	Hi-Speed USB 2.0 port; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB	All models: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 477dc: Plus 802.11 b/g/n Station; 802.11 b/g Access Point	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 802.11 b/g/n Station; 802.11 b/g Access Point	1 Hi-Speed USB 2.0; 2 Host USB; 1 Gigabit 10/100/1000 Ethernet; 1 RJ-11 (Fax); 1 RJ-11 (Phone only)	All models: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket; M577z: Plus Fax	All models: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket; S86fz: Plus 1 Fax modem port	All models: 2 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000 network; 1 Hardware Integration Pocket; M681fz: Plus 1 Fax	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000 network; 1 Hardware Integration Pocket; 1 Fax; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy
Operating systems	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/Linux®	Microsoft® Windows®/Macintosh®/Linux®	Microsoft® Windows®/Macintosh®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®	Microsoft® Windows®/Macintosh®/UNIX®/Linux®
General Features									
Memory (Std/Max.)	256 MB NAND Flash, 256 MB DRAM	M477fw: 256 MB NAND Flash, 256 MB DRAM; M477fdn: 256 MB DRAM	768 MB	768 MB	256 MB	1.25 GB (printer), 500 MB (scanner)/2.0 GB (printer), 500 MB (scanner)	2048 MB/2816 MB	M681d/f: 1.5 GB/2.5 GB; M681z: 1.5 GB/3 GB	1.5 GB/3 GB
Processor speed	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz	800 MHz	1.2 GHz	1.2 GHz	1.2 GHz	1.2 GHz
What's in the box	Printer, 4 preinstalled HP LaserJet Toner cartridges (Black: ~2,300 pages, Introductory Cyan, Magenta, Yellow: ~1,200 pages each cartridge), In-box documentation (Getting Started Guide, Install Poster, warranty card (China, Mexico), Software drivers and documentation on CD-ROM, Power cord, USB cable	All models: Printer; 4 preinstalled HP LaserJet Toner cartridges (Black: ~2,300 pages, Introductory Cyan, Magenta, Yellow: ~1,200 pages each cartridge), In-box documentation (Getting Started Guide, Install Poster, warranty card (China), Software drivers and documentation on CD-ROM, Power cord, USB cable	All models: Printer; HP 975 Setup Black PageWide Cartridge (~3,500 pages); HP 975 Setup Cyan PageWide Cartridge; HP 975 Setup Magenta PageWide Cartridge; HP 975 Setup Yellow PageWide Cartridge (CMY composite ~1500 pages); power cord; ethernet cable; phone cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	All models: Printer; HP 975 Setup Black PageWide Cartridge (~3,500 pages); HP 975 Setup Cyan PageWide Cartridge; HP 975 Setup Magenta PageWide Cartridge; HP 975 Setup Yellow PageWide Cartridge (CMY composite ~1500 pages); power cord; ethernet cable; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Tray 1: A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (US); 16K	Tray 1: A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (US); 16K	Tray 1: A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Optional Tray 3: A4; A5; B5 (US); 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3-4: A4, A4A, A5, B5 (US); 16K; Custom: 102 x 148 to 216 x 356 mm	Tray 1: Office; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Optional Tray 3: A4; A5; B5 (US); 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3-4: A4, A4A, A5, B5 (US); 16K; Custom: 102 x 148 to 216 x 356 mm	Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) Toner cartridges installed; CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord
Dimensions (w x d x h)	416 x 472 x 400 mm	M477fw: 416 x 461 x 400 mm; M477fdn: 416 x 472 x 400 mm	530 x 407 x 467 mm	577dc: 530 x 407 x 467 mm; 577z: 530 x 407 x 1120 mm	515 x 500 x 538 mm	482 x 504 x 583 mm	530 x 564 x 529 mm	M681d: 510 x 555 x 658 mm; M681f: 657 x 657 x 1108 mm; M681z: 657 x 657 x 1270 mm	657 x 657 x 1270 mm
Weight	23.2 kg	M477fw: 21.8 kg; M477fdn: 23.2 kg	22.15 kg	22.15 kg	40.8 kg	M577dn: 38.1 kg; M577f: 38.3 kg; M577z: 38.6 kg	32.3 kg	M681d: 42.3 kg; M681f: 61.5 kg; M681z: 76.3 kg	76.3 kg
Media size	Tray 1: Tray 2: A4; A5; A6; B5 (US); B6 (US); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Office (216 x 340 mm); postcards (US single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (US); B6 (US); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Office (216 x 340 mm); postcards (US single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Office (216 x 340 mm)	Tray 1: Tray 2: A4; A5; A6; B5 (US); B6 (US); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Office (216 x 340 mm); postcards (US single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (US); B6 (US); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Office (216 x 340 mm); postcards (US single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Office (216 x 340 mm)	Tray 1: Office; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (US); 16K	Tray 1: Office; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (US); 16K	Tray 1: A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; postcards (US single); JIS double; envelopes (ISO DL, ISO C5, ISO B5); Tray 2: optional Tray 3: A4; A5; B5 (US); 16K; Automatic two-sided printing unit: A4; A5; B5 (US)	Tray 1: A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; postcards (US single); JIS double; envelopes (ISO DL, ISO C5, ISO B5); Tray 2: optional Tray 3: A4; A5; B5 (US); 16K; Automatic two-sided printing unit: A4; A5; B5 (US)	Tray 1: Office; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Optional Tray 3: A4; A5; B5 (US); 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3-4: A4, A4A, A5, B5 (US); 16K; Custom: 102 x 148 to 216 x 356 mm	Tray 1: Office; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Optional Tray 3: A4; A5; B5 (US); 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3-4: A4, A4A, A5, B5 (US); 16K; Custom: 102 x 148 to 216 x 356 mm	Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) Toner cartridges installed; CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord
Media weight	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Colour laser glossy photo papers); Tray 2: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Colour laser glossy photo papers); Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media); Automatic duplexer: 60 to 163 g/m ²	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Colour laser glossy photo papers); Tray 2: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Colour laser glossy photo papers); Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media); Automatic duplexer: 60 to 163 g/m ²	Tray 1: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 2: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 3: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)	Tray 1: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 2: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card); Tray 3: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)	Tray 1: 60 to 216 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 163 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Tray 3: 60 to 176 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Automatic two-sided printing unit: 60 to 163 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 163 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Tray 3: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 163 g/m ² (plain		