

HP Designjet T1200 HD Multifunction Printer series



Do and offer more — process, print, scan, and copy



Rely on one complete, easy, integrated solution.

- Manage large-format documents from scan through print or archive with this reliable MFP.
- Operation is intuitive and simple with a full-station 38.1 cm (15-inch) touch screen display, which also includes a virtual keyboard.
- Perform scan, copy and print functions with greater control and confidence.
- Save valuable workspace with this single, integrated solution in one compact footprint.

Do more with one device and see your productivity soar.

- Save time and paper with 2 online rolls and smart switching, so you can handle CAD and GIS projects at the same time.
- You're back to business in no time with this HP MFP that scans, copies, and prints your projects quickly.
- Batch scanning and printing is fast and easy thanks to free HP Instant Printing and collating features.

See top quality results across a broad range of applications from any original.

- Get a high level of quality in line drawings, maps and posters with 4 camera CCD scanning technology with 600 dpi.
- Experience added versatility when you scan and print AEC, CAD, and GIS documents.
- Produce fine lines, crisp text, and vivid colour with Original HP inks, including 2 blacks and a grey ink.
- Transform your everyday printing using HP everyday bond papers with ColorPRO Technology.

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Technical specifications

Print	
Line Drawings	28 sec/page, 103 A1 prints per hour
Colour images	41 m²/hr on coated media; 6.7 m²/hr on glossy media
Print speed	103 A1 prints per hour
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (borderless on photo papers) Sheet: 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y, G, PK); pigment-based (MK)
Ink colours	6 (cyan, grey, magenta, matte black, photo black, yellow)
Ink drop	6 pl (C, M, PK, G), 9 pl (Y, MK)
Print head nozzles	1056
Print heads	3 (matte black and yellow, magenta and cyan, photo black and grey)
Line accuracy	+/- 0.1%
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.06 mm (ISO/IEC 13660:2001(E))
Maximum print length	91 m (application dependent)
Maximum optical density	2.15 maximum black optical density (6 L*min)
Scan	
Scan speed	Colour (200 dpi/400 dpi Turbo): up to 5.1 cm/sec; Black and white (200 dpi/400 dpi Turbo): up to 15.2 cm/sec
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size (flatbed), maximum	1067-mm wide
Copy	
Copy resolution	Up to 9600 dpi
Copy reduce / enlarge settings	1 to 10000%
Maximum number of copies	Up to 1000 copies
Media	
Handling	Printer: sheet feed, two automatic roll feeds, automatic roll-switching, automatic cutter; scanner: straight-through scan paper path for sheet and cardboard originals
Types	Printer: bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, coloured), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl), scanner: non-abrasive paper, vellum, Mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
Weight	60 to 328 g/m²
Size	210 x 279 to 1118 x 1676 mm
Thickness	Up to 0.8 mm
Memory	
Standard	Printer: 32 GB (virtual); scanner: 1 GB
Connectivity	
Interfaces (standard)	Printer: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, EIO Jetdirect accessory slot; scanner: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, FireWire (IEEE-1394a compliant)
Interfaces (optional)	HP Jetdirect internal print servers
Print languages (standard)	Adobe PostScript® 3, Adobe PDF 1.7, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI
Drivers included	HP-GL/2, HP-RTL, PostScript® drivers for Windows (optimised for AutoCAD 2000 and higher); PostScript® drivers for Mac OS X and Linux; support for Citrix® XenApp and Citrix® XenServer environments
Operating systems compatibility	
	Windows® 7 Home Premium/Professional/Ultimate; Windows Vista® Home Premium/Business/Ultimate; Microsoft® Windows® XP (32-bit / 64-bit) Home/Professional, Server 2003 (32-bit / 64-bit), Server 2008 (32-bit / 64-bit); Novell® NetWare 5.x, 6.x; Mac OS X v10.4, v10.5, v10.6, Citrix® XenApp, Citrix® XenServer
Recommended system requirements	
Mac	Mac OS X v10.4, v10.5: PowerPC G3 or Intel® Core processor; 256 MB RAM; 1 GB available hard disk space; Mac OS X v10.6: Mac computer with Intel® Core processor; 1 GB RAM; 2 GB available hard disk space
Windows	Windows® 7: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 2 GB available hard disk space; Windows Vista® Home Premium/Business/Ultimate: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 1 GB RAM, 2 GB available hard disk space; Microsoft® Windows® XP Home/Professional (SP2 or higher); Intel® Pentium® family or AMD K5™/Athlon™/Duron™ family (1 GHz), 512 MB RAM, 2 GB available hard disk space
Environmental ranges	
Operating temperature	5 to 40°C
Recommended operating temperature	15 to 35° C (depending on paper type)
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Recommended operating humidity	20 to 80% RH (depending on paper type)
Storage humidity	0 to 95% RH
Acoustic	
Sound Pressure	47 dB(A)
Sound Power	6.3 B(A)

What's in the box	
CQ653A	Printer; printheads; introductory ink cartridges; 111.8 cm stand; 111.8 cm spindle; quick reference guides; setup posters; Serif PosterDesigner Pro for HP poster; start-up software; scanner; touchscreen (panel PC); scanner documentation software; system recovery software; customer service guide; USB cable; FireWire cable; Ethernet cable; power cords
CQ653B	Printer; printheads; introductory ink cartridges; 111.8 cm stand; 111.8 cm spindle; quick reference guides; setup posters; Serif PosterDesigner Pro for HP poster; start-up software; scanner; touchscreen (panel PC); scanner documentation software; system recovery software; customer service guide; USB cable; FireWire cable; Ethernet cable; power cords
Dimensions (w x d x h)	
Printer	1900 x 1000 x 1600 mm
Packaged	1930 x 766 x 1529 mm
Weight	
Printer	200 kg
Packaged	280 kg
Power consumption	
Maximum	Printer: 120 watt, scanner: 300 watts maximum (active); printer: < 7 watts / < 25 watts with embedded DFE (powersave); 65.3 watts (standby); 3.6 watts
Power requirements	Input voltage (auto ranging) printer: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max; scanner: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 5 A max
Certification	
Safety	EU (LVD and EN60950-1 compliant); Russia (GOST)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive)
Environmental	EU RoHS; REACH; WEEE
ENERGY STAR	No
Warranty	
	Two-year limited warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product	
CQ653A	HP Designjet T1200 HD Multifunction Printer
CQ653B	HP Designjet T1200 HD Multifunction Printer
Accessories	
Q6709A	HP Designjet 1118mm Roll Feed Spindle
Ink supplies	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
C9397A	HP 72 69-ml Photo Black Ink Cartridge
C9398A	HP 72 69-ml Cyan Ink Cartridge
C9399A	HP 72 69-ml Magenta Ink Cartridge
C9400A	HP 72 69-ml Yellow Ink Cartridge
C9401A	HP 72 69-ml Grey Ink Cartridge
C9403A	HP 72 130-ml Matte Black Ink Cartridge
C9370A	HP 72 130-ml Photo Black Ink Cartridge
C9371A	HP 72 130-ml Cyan Ink Cartridge
C9372A	HP 72 130-ml Magenta Ink Cartridge
C9373A	HP 72 130-ml Yellow Ink Cartridge
C9374A	HP 72 130-ml Grey Ink Cartridge
CH575A	HP 726 300-ml Matte Black Designjet Ink Cartridge
Media supplies	
C6030C	HP Heavyweight Coated Paper-914 mm x 30.5 m (36 in x 100 ft)
C6020B	HP Coated Paper-914 mm x 45.7 m (36 in x 150 ft)
C6036A	HP Bright White Inkjet Paper-914 mm x 45.7 m
Q1397A	HP Universal Bond Paper-914 mm x 45.7 m (36 in x 150 ft)
C3868A	HP Natural Tracing Paper-914 mm x 45.7 m (36 in x 150 ft)
C3875A	HP Clear Film-914 mm x 22.9 m (36 in x 75 ft)
Q1421A	HP Universal Satin Photo Paper-914 mm x 30.5 m (36 in x 100 ft)
Q1427A	HP Universal Gloss Photo Paper-914 mm x 30.5 m (36 in x 100 ft)

Service & support	
UT911E	HP Care Pack, Next Business Day Designjet T1200 HD-MFP Hardware Support, 3 years
UT912E	HP Care Pack, Next Business Day Designjet T1200 HD-MFP Hardware Support, 4 years
UT913E	HP Care Pack, Next Business Day Designjet T1200 HD-MFP Hardware Support, 5 years
UT920E	HP Care Pack, 4 Hour Response Time 13x5 Designjet T1200 HD-MFP Hardware Support, 3 years
UT923PE	HP Care Pack, Post Warranty Next Business Day Designjet T1200 HD-MFP Hardware Support, 1 year
UT924PE	HP Care Pack, Post Warranty Next Business Day Designjet T1200 HD-MFP Hardware Support, 2 years
UT927PE	HP Care Pack, Post Warranty 4 Hour Response Time 13x5 Designjet T1200 HD-MFP Support, 1 year

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that’s affordable, personal, and tailored to your needs through HP Care Pack Services.



For more information, please visit

For more HP Large Format Media substrates and sizes please visit us online at: <http://www.hp.com/go/designjet/supplies>

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