HP Designjet 100 plus printer

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Expand your printing options with HP's low cost colour printer with A1 printing capabilities. Now you have complete flexibility to create high quality line drawings and documents with text and images in all sizes from your desktop.

Ideal for CAD and diagraming professionals in offices looking to maximise their budget with a low initial investment: architects, interior designers, engineers and construction companies, who need to print from various applications in different sizes up to A1.

Give yourself more versatility and print A4, A3, A2 and up to A1 size documents in colour.

- Convenient media handling from two independent paths.
- Use the standard tray for common and custom sizes up to A2+ and the separate manual feed path for larger sizes (up to A1/609.6 mm wide).
- Support for media sizes up to A1+, weights up to 300 g/m^2, and types such as coated, heavyweight coated, glossy and CAD media for line drawings and tracing.
- Produce complex drawings with AutoCAD drivers.
- Use office printing features like number of copies, zoom, and custom sizing.

Cost-effective to own and operate, this colour printer will help to keep your printing costs down.

- Print common and larger sizes up to A1 from a single low cost device.
- Eliminate outsourcing costs for occasional large-format needs.
- Print a variety of CAD line drawings, schematics, renderings, and your oversized business documents like plans and proposals.
- Modular, individually replaceable supplies make colour cost effective.
- Control the amount of ink used by selecting the ideal print-quality mode for each case. Use Fast mode to save ink in drafts, and Best mode for the best quality results.

Achieve superb results and experience the professional performance you expect from a HP printer.

- Precise ink placement ensures crisp, sharp lines in rendered images of solid objects and office graphics.
- Get great line accuracy and image quality from specially formulated inks, the 1200 dpi writing system, and HP Color Layering Technology, which provides a wide colour gamut, continuous tones and smooth transitions.
- Smart printing features optimise print quality by controlling interaction between printheads, ink cartridges and media.
- Only 90 seconds per page for an A1 drawing in Fast mode.

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Technical specifications

Print technology	HP Thermal Inkjet
Print head nozzles	304
Print speed	A4 draft: 11 pages per minute A1 draft: 90 seconds per page

	Maximum speed	Best quality
Colour images	25 sq m/hr	1.6 sq m/hr

Print quality	1200 x 600 dpi
Line accuracy	± 0.2%
Minimum line width	0.04 mm
Colour technology	HP Color Layering Technology
Memory	64 MB
Printer languages	PCL 3-GUI
Media sizes	Standard: A1, A1+, A2, A3, A4, B2, B3, B4, A2 (metric oversize), envelopes
Maximum media length	Sheet: 1625 mm
Maximum media width	625 mm
Media types	Paper (plain, coated, natural tracing, two-sided brochure, photo, heavyweight), transparencies, vellum, translucent bond.
Paper input trays	Standard:1 (A2+ size)
Media handling, document finishing	Input tray A2+ size, manual single-sheetfed, rear path (max. A1 oversize).
Drivers included	PCL 3-GUI Windows® driver (Microsoft® Windows 95, 98, Me, NT 4.0, 2000, XP) including support for AutoCAD 2000 and AutoCAD 13 – 14 drivers, USB and ECP drivers, Raster driver for Mac OS (9.x, X.1, X.2, X.3)
Interface and connectivity	USB 1.1 (Microsoft® Windows® 98 SE, Me, 2000, XP), USB 2.0 compliant, Centronics parallel IEEE-1284 compliant (ECP), 1 EIO slot Optional: HP Jetdirect 620n, 615n, 680n, 610n, 600n, 380x
Operating systems compatibility	Microsoft® Windows® (95, 98, Me, NT 4.0, 2000, XP), Macintosh (9.1, 9.2, 10.1, 10.2, 10.3) Latest driver upgrade information available on http://www.designjet.hp.com
Network operating systems compatibility	Optional: Microsoft® Windows® (98 SE, Me, NT 4.0, 2000, 2003, XP), Mac (OS 9.1, OS X v 10.1.5, 10.2, 10.3)
Minimum system requirements	Microsoft® Windows® 95, 98: Pentium® I, 133 MHz, 48 MB RAM, 300 MB available hard disk space; Windows NT®: Pentium II, 300 MHz, 64 MB RAM, 400 MB available hard disk space; Windows 2000: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Windows XP: Pentium III, 733 MHz, 128 MB RAM, 400 MB available hard disk space Mac OS X v 10.3 (custom paper sizes require 10.2+), Mac OS 9 v 9.0.4 and above; hardware: iMac G3, G4, G5 dual processor, iBook, PowerBook, eMac
Recommended system requirements	Microsoft® Windows® 95, 98: Pentium® I, 133 MHz, 64 MB RAM, 320 MB available hard disk space; Windows NT®: Pentium III, 733 MHz, 128 MB RAM, 2 GB available hard disk space; Windows 2000: Pentium III, 733 MHz, 256 MB RAM, 2 GB available hard disk space: Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space
Software included	HP Designjet System Maintenance and drivers for Windows® and Macintosh
Control panel	2 LEDs for status: Power, Attention; 3 keys: Power, Cancel, OK; display area containing information icons
Power requirements	Input voltage 100 to 240 VAC auto range, 50/60 Hz, 2 amp maximum
Power supply	Type: Built-in universal power supply
Power consumption	Printing: 47.5 watts maximum; idle: 17.9 watts maximum; standby: 13.9 watts maximum
Dimensions (w x d x h)	Out of package: 1042 x 415 x 220 mm; Packaged: 1192 x 545 x 495 mm
Weight	Out of package: 22 kg; Packaged: 34 kg
Printer management	HP Designjet System Maintenance
Operating environment	Environmental ranges: Operating temperature: 5 to 40° C, recommended operating temperature: 15 to 30° C, operating humidity: 20 to 80% RH, recommended operating humidity: 20 to 80% RH, storage temperature: -20 to 55° C, storage humidity: 20 to 80% RH. Noise level per ISO 9296: sound power: lwAd 6.2 B(A), sound pressure: LpAm 50 dB(A)
Certifications	Safety certifications: ITE product compliance, EU LVD, CSA Certified for US and Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCC, Singapore PSB, Russia GOST, Poland PCBC, Korea KTL. EMC certifications: Compliant with requirements for Class B ITE products (Class A when connected to LAN cables), EU (EMC Directive), USA (FCC rules), Canada (DOC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Class A for Korea (MIC), Taiwan (BSMI)
Warranty	One year warranty. Includes phone support from Monday to Friday during business hours and express exchange in most countries. Some countries may have slightly different support delivery methods depending on local infrastructure. With HP Care Pack you can extend your warranty up to 3 years.

Ordering information

C7796C	HP Designjet 100 plus, power cord, USB cable, standard paper tray for up to A2+ size media, 4 print heads CMYK, 4 pl colour, 18 pl black, user documentation CD, setup poster, quick start guide, customer care document

Paper handling

Q1246A	Stand & Bin for HP Designjet 100 Series

Large Format media

Q1961A	HP Coated Paper, C+/A2+ (100 sheets)
Q1962A	HP Coated Paper, D+/A1+ (100 sheets)

Small format media

C5977B/C1825A	HP Bright White Inkjet Paper, A4 (250/500 sheets)
C1858A	HP Bright White Inkjet Paper, A3 (250 sheets)
C6818A/C6821A	HP Brochure and Flyer Paper, A4/A3 (50 sheets)
Q2525A	HP Brochure and Flyer Paper, Glossy, Tri-fold, A4 (50 sheets)
C1853A	HP Premium Heavyweight Paper, Matt, A4 (100 sheets)
51634Z/C1856A	HP Premium Paper, A4/A3 (200/100 sheets)
C6984A	HP Photo-quality Paper, Semi-glossy, Two-sided, A4 (25 sheets)
C6040A/C6059A	HP Premium Photo Paper, Glossy, A4/A3 (15/20 sheets)
C6832A	HP Premium Plus Photo Paper, Glossy, A4 (20 sheets)
C6951A	HP Premium Plus Photo Paper, Satin-matt, A4 (20 sheets)
C3835A	HP Premium Transparency Film, A4 (50 sheets)

Connectivity

J6057A	HP Jetdirect 615n internal print server (EIO – 10/100TX)

Service & support

U3477A/E	HP Care Pack, next business day onsite response, 3 years
U4662PA/PE	HP Care Pack, post warranty, next business day onsite response, 1 year

For a complete list of printing material and selection numbers, please refer to the HP website at http://www.hp.com/go/designjet and select "Printing Materials"

http://www.hp.com

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