



HP Designjet 110plus Printer series



The HP Designjet 110plus series multi-format printers let you print all your standard and oversize output in color, in-house—in minutes. Print everything from postcards to presentations and spreadsheets to schematics, and avoid taping or outsourcing.

Versatile

- **Save time with convenient media handling.** The standard tray holds up to 150 sheets (plain paper) as small as a postcard or as big as a poster (18 x 24 in). Extra-wide front and rear paths allow oversize output up to 24 x 64 in; standard roll feed, supports printing up to 24 in x 50 ft.
- **Print using the media that will make you successful.** Create displays, mockups or models with thick or rigid media up to 15 mil or 300 g/m² (80 lb). Choose from a range of media for office documents or specialized applications, including coated and glossy papers as well as CAD papers and films.

Budget-friendly

- **Single printing solution.** Print a variety of office, CAD and oversize documents from proposals to drawings with only one printer.
- **Eliminates expensive outsourcing.** Anyone with occasional large-format needs can economically print documents in-house.
- **Replace only the ink supplies you need.** Modular, individually replaceable supplies make color cost effective.

Professional results

- **Get consistently superb quality for all your professional documents.** Specially formulated inks, the 1200 dpi writing system and HP color layering technology provide a wide gamut of vivid colors, continuous tones and smooth color transitions.
- **Fast results.** Prints at up to 11 letter-size pages per minute (ppm) in Fast mode and 90 seconds per D-size page in Fast mode.
- **Print crisp, sharp lines and text.** HP technology ensures precise dot placement for excellent image and line quality for all your professional documents. Black, pigmented ink produces dense, dark lines and text with sharp, lasting results for reproduction or long-term storage.
- **Everyday printing plus no compromise CAD results.** Optimized drivers deliver high-quality business documents and images with standard office features like number of copies, zoom and custom page size. AutoCAD drivers handle the intricacies of AutoCAD printing, including line styles and weights, line ends and joins, annotations and raster patterns.

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1. LCD printer status indicator for ink supply maintenance and print messages alert.
2. Modular ink system with four independently replaceable ink cartridges so you replace only the ink colors you need.
3. Front manual feed handles media up to 24 in wide.
4. Standard media tray handles media up to 18 x 24 in and can accommodate up to 150 sheets of plain paper.
5. Small footprint allows you to place printer on your desktop or common work area.
6. Connect via network (optional with Jetdirect accessory) or USB and Centronics parallel IEEE ports.



HP Designjet 110plus front shown

7. Rear manual feed designed to support extra thick media— up to 300 g/m² (80 lb).
8. Standard roll-feed (included with 110plus r) feeds rolls up to 24 in wide.



HP Designjet 110plus r rear shown

Series at a glance

HP Designjet 110plus Printer

- 150-sheet tray (plain paper) for sheets up to 18 x 24 in
- Slots for single sheets up to 24 x 64 in
- Open EIO slot for optional network connectivity

Optional accessories:

- Printer stand and media bin
- HP Jetdirect 620n internal EIO print server
- Standard roll feed
- Additional roll feed spindle

HP Designjet 110plus r Printer

Presents the HP Designjet 110plus model with all its features, and:

- Standard roll feed for printing up to 24 in x 50 ft

Optional accessories:

- Printer stand and media bin
- Additional roll feed spindle
- HP Jetdirect 620n internal EIO print server

Expand your in-house color printing capabilities with the HP Designjet 110plus Printer series

Customers see big results

Worldwide, companies big and small are seeing the advantages of expanding their in-house printing capabilities. By printing everything from CAD drawings to poster-size presentations, companies are saving money, improving communications and impressing clients with HP Designjet 100 series printers.¹

"Producing...posters for presentations is something that our customers find different and interesting and that increases the interaction we have with them... We know that our HP Designjet 100 large-format printer was excellent value for the money and a good investment because it increases our ability to communicate with our customers."

- Montserrat Marsal, Senior Manager,
PricewaterhouseCoopers, Spain

"The HP Designjet 100plus is extremely convenient. We can finally print all our own output, with professional quality...all from a single printer! It replaces both our office printer and our plotter. Talk about saving money!"

- Ivan Perez Bares,
T24 Architectural Studios, Spain

"In the past...the cost was so prohibitive that we had to make do with alternatives such as sticking pieces of paper together with tape. Some things we wanted to do were ruled out completely because of financial considerations...It has become an indispensable tool for our business presentations, and our clients are highly impressed."

- Dave Jones,
IT Consultant, Ashridge Consulting, LTD, UK

¹ All real customer responses based on usage of HP Designjet 100 printers (C7796A) or HP Designjet 100plus printers (C7796D).

Versatility that delivers on productivity, communication and effectiveness

Nearly every business or department can benefit by adding an HP Designjet 110plus Printer. On-demand oversize printing, as well as standard office operation, in a single, affordable device can increase efficiency and effectiveness for a wide range of operations, both large and small.

- Construction companies can cost-effectively add onsite printing for plans and schematics.
- Interior designers can create detailed plans and final presentations up to 24 in wide, as well as prepare estimates, proposals and invoices—all from a single printer.
- Freelance architects or engineering students can print full-size projects and standard-size reports at any hour of the day, without leaving their office or dorm room.
- Finance or IT professionals can present financial data or collaborate on schedules with oversize output from applications like Visio or Excel.
- HR departments and administrative assistants can display posters for employee meetings, onsite vents or training classes.
- Facilities managers can easily update required safety notices or manage office space in real-time with no outsourcing.
- Legal departments and law enforcement officials can map crime patterns or create persuasive courtroom graphics.

The quiet operation and small footprint makes the HP Designjet 110plus printer an easy addition to most workspaces. It offers desktop printer ease of use, with no special training or large-format expertise required.

There's virtually no maintenance, and each unit is backed by an entire network of professionals and a wide range of services and support available via phone and online.

HP Designjet 110plus Printer series

Technical specifications

Print speed	
Maximum print speed	11 ppm on letter-size and 90 sec/page on D-size (line drawings on Fast)
Normal	Up to 4 min/page on B-size glossy media, up to 14.5 min/page on D-size glossy media
Best	Up to 6 min/page on B-size glossy media, up to 21.5 min/page on D-size glossy media
Printing	
Print resolution	Up to 1200 x 600 dpi
Margins	0.2 x 0.47 x 0.2 x 0.2 in
Technology	HP Thermal Inkjet
Technology resolution	HP Color Layering technology, PhotoREt III
Ink types	Pigment-based black, dye-based color
Ink colors	Cyan, magenta, yellow, black
Ink drop	4 pl (cyan, magenta, yellow), 18 pl (black)
Print heads	4 (1 each cyan, magenta, yellow, black)
Minimum line width	0.002 in (0.04 mm)
Media	
Handling	150-sheet input tray, front manual single-sheet feed, rear manual path for thick media, standard roll feed with auto cutter (110plus r only)
Types	Bond and coated paper (coated, heavyweight coated, plain), technical (natural tracing, translucent, vellum), film, photo (high-gloss, semi-gloss), proofing (high-gloss contract, semi-gloss contract, matte, semi-gloss)
Weight	Tray 1: 17.3 to 40 lb (65 to 150 g/m ²); manual single-sheet feed: 17.3 to 40 lb (65 to 150 g/m ²); rear path: up to 80 lb (300 g/m ²); roll feed: 17.3 to 40 lb (65 to 150 g/m ²)
Size	Tray 1: 3 x 5.6 to 18 x 24 in (76 x 142 to 457 x 610 mm); manual single-sheet feed: 4.3 x 8.1 to 24.6 x 63.98 in (110 x 205 to 625 x 1625 mm); rear path: 4.3 x 8.1 to 24.6 x 63.98 in (110 x 205 to 625 x 1625 mm); roll feed: up to 24 in (609 mm)
Thickness	Tray 1: up to 8 mil; envelopes: up to 15 mil; front path: up to 8 mil; rear path: up to 15 mil
Standard sizes	A1, A1+, A2, A3, A4, B2, B3, B4, letter, legal, tabloid, C, D, D+, envelopes
Connectivity	
Interfaces (standard)	USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE1284 (ECP compliant), 1 EIO slot.
Interfaces (optional)	Compatible HP Jetdirect LAN cards
Print languages	PCL 3 GUI
Drivers (included)	PCL 3 GUI Windows driver, Microsoft Windows drivers (Vista®, XP, 2000) including support for AutoCAD 2000 and AutoCAD 13 - 14 drivers, USB and ECP drivers, Raster driver for Mac OS X v10.3, v10.4, v10.5.
Dimensions (w x d x h)	
Printer	110plus: 41 x 16.3 x 8.7 in (1042 x 414 x 220 mm), 110plus r: 41 x 21 x 8.7 in (1042 x 535 x 220 mm)
Maximum	41 x 40.1 x 8.7 in (1042 x 1020 x 220 mm)
Shipping	46.9 x 21.5 x 19.4 in (1192 x 545 x 493 mm)
Weight	
Printer	110plus: 48.5 lb (22 kg), 110plus r: 50.7 lb (23 kg)
Shipping	110plus: 75 lb (34 kg), 110plus r: 75.5 lb (34.3 kg)
What's in the box	
HP Designjet 110plus Printer	HP Designjet 110plus Printer, power cord, printheads (4), print cartridges (4), C-size input tray, output tray, documentation and drivers CD, setup poster, quick reference guide
HP Designjet 110plus r Printer	HP Designjet 110plus Printer, standard roll feed, HP Jetdirect network card, power cord, printheads (4), print cartridges (4), C-size input tray, output tray, documentation and drivers CD, setup poster, quick reference guide

Environmental ranges	
Operating temperature	41 to 104° F (5 to 40° C)
Recommended operating temperature	59 to 86° F (15 to 30° C)
Storage temperature	-4 to 131° F (-20 to 55° C)
Operating humidity	20 to 80% RH
Recommended humidity	25 to 75% RH
Storage humidity	0 to 95% RH
Acoustic	
Sound pressure, active	50 dB(A)
Sound pressure, standby	37 dB(A)
Sound power, active	6.2 B(A)
Sound power, standby	5.4 B(A)
Power consumption	
Maximum	48 watts
Standby	14 watts
Power requirements	Input voltage 100 to 240 V ac (+/- 10%) auto ranging, 50/60 Hz (+/- 3Hz), 2 amp maximum
Certification	
Safety	ITE product compliance, EU IVD, CSA Certified for US and Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCC, Singapore PSB, Russia GOST, Poland PCBC, Korea KTL
Electromagnetic	Compliant with requirements for Class B ITE products (Class A when connected to LAN cables), EU (EMC Directive), US (FCC rules), Canada (DOC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Class A for Korea (MIC), Taiwan (BSMI)
ENERGY STAR® qualified models see:	http://www.hp.com/go/energystar
Warranty	
	One-year warranty

Ordering information

Product	
C7796D	HP Designjet 110plus Printer
C7796H	HP Designjet 110plus r Printer
Accessories	
Q1246B	HP Designjet 100/500/800 24-in Stand & Bin
C7797A	HP Designjet Standard Roll Feed (included with 110plus r)
Q1264A	HP Designjet 110/120/130 Spindle Accessory
J7934G	HP Jetdirect 620n Fast Ethernet Print Server
Ink supplies	
C4810A	HP 11 Black Printhead
C4811A	HP 11 Cyan Printhead
C4812A	HP 11 Magenta Printhead
C4813A	HP 11 Yellow Printhead
C4844A	HP 10 Black Ink Cartridge (69 ml)
C4836AN	HP 11 Cyan Ink Cartridge (28 ml)
C4837AN	HP 11 Magenta Ink Cartridge (28 ml)
C4838AN	HP 11 Yellow Ink Cartridge (28 ml)
Media	
Q1961A	HP Inkjet Coated Paper, C+, 100 sheets
Q1962A	HP Inkjet Coated Paper, D+, 100 sheets
C6029C	HP Heavyweight Coated Paper 24 in x 100 ft
Q1412A	HP Universal Heavyweight Coated Paper 24 in x 100 ft
C6019B	HP Coated Paper 24 in x 150 ft
Q1404A	HP Universal Coated Paper 24 in x 150 ft
C1860A	HP Bright White Inkjet Paper 24 in x 150 ft
Q1396A	HP Universal Bond Paper 24 in x 150 ft
C3869A	HP Natural Tracing Paper 24 in x 150 ft
51642A	HP Matte Film 24 in x 125 ft
Q1426A	HP Universal High-gloss Photo Paper 24 in x 100 ft
Q1420A	HP Universal Semi-gloss Photo Paper 24 in x 100 ft
Q1968A	HP Matte Proofing Paper 24 in x 100 ft
Q1967A	HP Matte Proofing Paper, B, 100 sheets
HP Care Pack Services	
U3477E	HP 3-Year Next Business Day Onsite Service
UC744E	HP Installation Service with Network Setup
UC217E	HP Color Profiling Service - 1 Profile
UC218E	HP Color Profiling Service - 3 Profile

More HP media sizes and weights available at:
www.hp.com/go/designjet/supplies



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