

HP Designjet 110plus Printer series



Expand your in-house colour printing capabilities on a range of common and large-format media sizes, all at a low purchase price. The versatile, multi-format HP Designjet 110plus produces professional results for all your document needs.

An affordable, high-quality colour printer for CAD professionals like architects, interior designers, engineers and designers in construction companies, who work in small and home offices and need large and wide format printing up to A1+ size.

Enjoy versatile colour printing on a wide range of media types and sizes up to A1+.

Convenient media handling from three independent paths lets you create a variety of documents. Use the standard tray for common and custom sizes up to A2+, a front manual feed path for sizes up to 625 mm wide and a rear manual path for media up to 0.4 mm thick. The printer handles weights up to 300g/m², offers 609 mm wide standard roll feeder¹ and supports a range of media types such as coated, heavyweight coated, glossy and CAD media for line drawings and renders.

Get the most from your budget with this multi-format printer that is cost-effective to own and use.

Eliminate outsourcing costs for complex print jobs or occasional large-format needs. Easily and cost-effectively print your oversized business documents and CAD line drawings, schematics and renderings. This low-cost printer uses four ink cartridges and separate printheads that can be individually replaced saving you time and money. Control the amount of ink used by selecting a print-quality mode for drafts to final copies. Use Fast mode to save ink and Best mode for the best ink coverage.

Get high-quality results and experience the professional performance you expect from an HP printer.

The black pigmented HP ink² cartridge ensures precise ink placement, crisp, sharp lines and text. It also provides lasting results for archiving CAD plots and architectural plans. Get consistent, professional results with great image quality from specially formulated HP inks, 1200 dpi, and HP Color Layering Technology which together provide a wide colour gamut, continuous tones and smooth transitions. Print at up to 11 ppm (A4) and up to 90 seconds per page (A1) in Fast mode.

¹ Standard with the HP Designjet 110plus r Printer, optional with the HP Designjet 110plus Printer

² With the HP 10 Black Pigmented Ink Cartridge and Printhead (in accordance with ISO 11798).



HP Designjet 110plus
Printer



HP Designjet 110plus r
Printer

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	304
Print resolution	Up to 1200 x 600 dpi
Number of inks	Cyan, magenta, yellow, black
Ink types	Pigment based black, dye based colour
Ink drop size	4 pl (cyan, magenta, yellow), 18 pl (black)
Print speed	Normal: up to 4 min/page on A3 glossy media, up to 14.5 min/page on A1 glossy media Best: up to 6 min/page on A3 glossy media, up to 21.5 min/page on A1 glossy media
Line	Line accuracy: $\pm 0.2\%$. Minimum width: 0.04 mm
Print languages	PCL 3 GUI
Memory	Standard: 64 MB; Maximum: 64 MB
Print margins (mm)	Roll top: 5 mm; bottom: 5 mm; left: 5 mm; right: 5 mm Sheet Roll: top and bottom: 5 mm; Sheet: top: 5 mm, bottom: 12
Media 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)
Media sizes	Standard: A1, A1+, A2, A3, A4, B2, B3, B4, envelopes. Tray 1: 76 x 142 to 457 x 610 mm; manual sheet feed: 110 x 205 to 625 x 1625 mm; rear path: 110 x 205 to 625 x 1625 mm; roll feed: up to 609 mm
Maximum media length	Sheet: 1625 mm
Maximum media width	625 mm through front manual feed path
Maximum print length	15.2 m (using roll feed, application dependent)
Drivers included	PCL 3-GUI Windows driver, Microsoft® Windows® drivers (Vista, 2000, XP) including support for AutoCAD 2000 and AutoCAD 13 - 14 drivers, USB and ECP drivers, Raster driver for Mac OS (v9.x, v10.1, v10.2, v10.3)
Operating systems compatibility	Windows Vista®, Windows® Server 2003, XP Home, XP Professional; Mac OS X v 10.3, Mac OS X v 10.4, Mac OS X v 10.5. Latest driver upgrade information available on http://www.designjet.hp.com
Minimum system requirements	Pentium III (733 MHz), 128 MB RAM, 400 MB available hard disk space. iMac G3, G4, G5 dual processor; iBook; PowerBook; eMac
Recommended system requirements	Pentium 4 (1 GHz), 256 MB RAM, 2 GB available hard disk space. G3 dual processor, 1 GB RAM, 1 GB available hard disk space
Power	Requirements: Input voltage 100 to 240 VAC ($\pm 10\%$) auto ranging, 50/60 Hz ($\pm 3\text{Hz}$), 2 amp maximum. Supply: Built-in universal power supply. Consumption: 48 watts maximum (active), 14 watts maximum (standby)
Dimensions (w x d x h)	Out of package: 110plus: 1042 x 414 x 220 mm; 110plus r: 1042 x 535 x 220 mm. Packaged: 1192 x 545 x 493 mm
Weight	Out of package: 110plus: 22 kg; 110plus r: 23 kg. Packaged: 110plus: 34 kg; 110plus r: 34.3 kg
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 30° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 25 to 75% RH. Storage temperature: -20 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 6.2 B(A) (active, printing), 5.4 B(A) (standby). Sound pressure: LpAm 50 dB(A) (active, printing), 37 dB(A) (standby)
Certifications	Safety: ITE product compliance, EU LVD, Russia GOST, Poland PCBC. EMC certifications: Compliant with requirements for Class B ITE products (Class A when connected to LAN cables), EU (EMC Directive)
Warranty	One-year: next-business-day on-site support

Ordering information

C7796D HP Designjet 110plus Printer, power cord, printheads (4), print cartridges (4), A2-size input tray, output tray, documentation and drivers CD, USB cable, setup poster, quick reference guide

C7796H HP Designjet 110plus r Printer with standard roll feed and auto cutter

Accessories

Q1246B HP Designjet 100/500/800 24-in Stand & Bin

Q1264A HP Designjet 110/120/130 Spindle Accessory

J7934G HP Jetdirect 620n Fast Ethernet Print Server

C7797A HP Designjet Manual Roll Feed

Ink supplies

C4810A HP 11 Black Printhead

C4811A HP 11 Cyan Printhead

C4812A HP 11 Magenta Printhead

C4813A HP 11 Yellow Printhead

C4844AE HP 10 Black Ink Cartridge

C4836AE HP 11 Cyan Ink Cartridge

C4837AE HP 11 Magenta Ink Cartridge

C4838AE HP 11 Yellow Ink Cartridge

Media supplies

C6029C HP Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)

Q1396A HP Universal Inkjet Bond Paper-610 mm x 45.7 m (24 in x 150 ft)

C3869A HP Natural Tracing Paper-610 mm x 45.7 m (24 in x 150 ft)

51642A HP Matte Film-610 mm x 38.1 m (24 in x 125 ft)

Q1968A HP Matte Proofing Paper-610 mm x 30.5 m (24 in x 100 ft)

Q1961A HP Inkjet Coated Paper-100 sht/A2+/458 mm x 610 mm (18 x 24 in)

C6019B HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)

Q1426A HP Universal High-gloss Photo Paper-610 mm x 30.5 m (24 in x 100 ft)

Service & support

U3477E HP Care Pack, Next Business Day Designjet 70/90/1xx Hardware Support, 3 years

UP435E HP Care Pack, Next Business Day Designjet 70/90/1xx Hardware Support, 4 years

UP434E HP Care Pack, Next Business Day Designjet 70/90/1xx Hardware Support, 5 years

U4662PE HP Care Pack, Post Warranty Next Business Day Designjet 70/90/1xx Hardware Support, 1 year

UP430E HP Care Pack, 4-Hour 13x5 Designjet 70/90/1xx Hardware Support, 3 years

UP426PE HP Care Pack, Post Warranty 4-Hour 13x5 Designjet 70/90/1xx Hardware Support, 1 year

UC744E HP Care Pack, Network Installation Service Designjet x0-1xx

For a complete list of supplies, accessories and services, please refer to

<http://www.hp.com/go/designjet>

<http://www.hp.com/uk>



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