

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.



HP Designjet 110plus Printer



HP Designjet
110plus nr Printer

A high-quality colour printer for CAD professionals on a tight budget. A great choice for architects, interior designers, engineers and designers in construction companies, who work in small and home offices who need large and wide format printing up to A1+ size.

Enjoy the versatility of printing in colour 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 and weighing up to 300 g/m².
- The printer offers 610 mm wide automatic 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 nr Printer, optional with the HP Designjet 110plus Printer.

² With the 10 black pigmented ink cartridge and printhead (in accordance with ISO 11798).

Technical specifications

Print technology	HP Thermal Inkjet
Print head nozzles	304
Technology resolution	HP Color Layering Technology
Number of inks	4 (cyan, magenta, yellow, black)
Ink type	Black: HP pigment ink; cyan, magenta, yellow: HP dye-based ink
Print speed	11 A4 pages per minute or 90 seconds per A1 page in Fast mode Colour Image (ISO N5) A1: up to 14.5 minutes per page (Normal mode, glossy); up to 21.5 minutes per page (Best mode, glossy)
Print quality	1200 x 600 dpi
Line accuracy	± 0.2%
Minimum line width	0.04 mm
Memory	Standard: 64 MB, maximum 64 MB
Media types	HP Designjet 110plus Printer: Paper (plain, inkjet, coated, heavyweight, semi-gloss, glossy, proofing, photo, brochure/flyer, natural tracing), translucent bond, A4 transparencies
Media sizes	A1, A1+, A2, A3, A4, B2, B3, B4, A2 (metric oversize), envelopes Custom: Tray 1: 76 x 142 to 458 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 610 mm by rear path
Print margins	Roll: 5 mm on all sides; sheet: top: 5 mm, bottom: 12 mm, left: 5 mm, right: 5 mm
Maximum media length	Roll: HP Designjet 110plus Printer: 45.7 m with optional roll-feed; HP Designjet 110plus nr Printer: 45.7 m Sheet: 1625 mm
Maximum media width	625 mm through front manual feed path
Maximum print length	15.2 m (using roll feed, application dependent)
Maximum print area	615 x 1608 mm
Media handling	Sheefed (automatic input tray for 150 sheets up to A2+, front manual single-sheet feed, rear manual path for thick media), roll-feed with automatic cutter (optional on HP Designjet 110plus Printer, standard with HP Designjet 110plus nr Printer)
Media thickness	Up to 0.4 mm through rear path
Media weight	Up to 300 g/m ² through rear path
Interface and connectivity	Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot, HP Jetdirect 620n for HP Designjet 110plus nr Printer Optional: HP Designjet 110plus Printer: HP Jetdirect 620n, 615n, 680n, 610n, 600n, 380x
Control panel	2 LEDs for status: Power, Attention; 3 keys: Power, Cancel, OK; display area containing information icons
Printer Management	HP Designjet System Maintenance
Operating systems compatibility	Microsoft® Windows® 98 SE, Me, NT 4.0, 2000, XP; Mac OS 9.2, 10.2, 10.3
Network operating system compatibility	Microsoft® Windows® Server 2003, Mac OS 9.1, OS X v 10.1.5
Minimum system requirements	Microsoft® Windows® 98, Me: Pentium® I, 133 MHz, 48 MB RAM, 300 MB available hard disk space; Windows NT® 4.0: Pentium II, 300 MHz, 64 MB RAM, 400 MB available hard disk space; Windows 2000, 2003 Server: 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 10.1.5 (custom paper sizes require 10.2+), Mac OS 9 v 9.1; hardware: iMac G3, G4, G5 dual processor, iBook, PowerBook, eMac
Recommended system requirements	Microsoft® Windows® 98, Me: Pentium® I, 133 MHz, 64 MB RAM, 320 MB available hard disk space; Windows NT® 4.0: Pentium III, 733 MHz, 128 MB RAM, 2 GB available hard disk space; Windows 2000, 2003 Server: 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
Printer languages	PCL 3-GUI
Drivers included	PCL 3-GUI Windows® driver, Microsoft® Windows drivers (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)
Software included	HP Designjet System Maintenance
Power	Requirements: Input voltage 100 to 240 VAC (± 10%) auto ranging, 50/60 Hz (± 3Hz), 2 amp maximum Supply type: Built-in universal power supply Consumption: 48 watts
Dimensions (w x d x h)	Out of package: HP Designjet 110plus Printer: 1042 x 414 x 220 mm HP Designjet 110plus nr Printer: 1042 x 535 x 220 mm; packaged: 1192 x 545 x 493 mm
Weight	Out of package: 22 kg; packaged: 34 kg
Operating environment	Environmental ranges: recommended operating temperature: 15 to 30° C; operating humidity: 20 to 80% RH; recommended operating humidity: 25 to 75% 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	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®
Warranty	One-year next-business-day exchange

Ordering information

C7796D HP Designjet 110plus Printer, power cord, USB cable, printheads (4), ink cartridges (4), input A2-size tray, software setup for Windows® users CD, drivers CD for Mac, user documentation CD, setup poster, quick guide, customer service guide

C7796E HP Designjet 110plus nr Printer, as above plus automatic roll feed and HP Jetdirect 620n LAN card

Accessories	
Q1246A	HP Designjet 110/120/130 Stand & Bin
Q1247A	HP Designjet 110/120/130 Auto Roll Feed
Q1264A	HP Designjet 110/120/130 Spindle Accessory
Media supplies	
Q1961A	HP Coated Paper 90 g/m ² A2+ (458 mm x 610 mm)
Q1962A	HP Coated Paper 90 g/m ² A1+ (610 mm x 914 mm)
Q1445A	HP Bright White Inkjet Paper 90 g/m ² A1 (594 mm x 45.7 m)
C6035A	HP Bright White Inkjet Paper 90 g/m ² (610 mm x 45.7 m)
Q1442A	HP Coated Paper 90 g/m ² A1 (594 mm x 45.7 m)
Q1404A	HP Coated Paper 95 g/m ² – Universal (610 mm x 45.7 m)
Q7897A	HP Coated Paper 90 g/m ² (458 mm x 45.7 m)
C3869A	HP Natural Tracing Paper 90 g/m ² (610 mm x 45.7 m)
51642A	HP Matte Film 160 g/m ² (610 mm x 38.1 m)
Q1420A	HP Semi-gloss Photo Paper 190g/m ² – Universal (610 mm x 30.5 m)
Q1426A	HP High-gloss Photo Paper 190 g/m ² – Universal (610 mm x 30.5 m)
Q1967A	HP Proofing Matte 146 g/m ² A3+ (330 mm x 483 mm)
C7884A	HP Proofing Semi-gloss 150 g/m ² A3+ (330 mm x 483 mm)
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 (69 ml)
C4836AE	HP 11 Cyan Ink Cartridge (28 ml)
C4837AE	HP 11 Magenta Ink Cartridge (28 ml)
C4838AE	HP 11 Yellow Ink Cartridge (28 ml)
Connectivity	
J7934A	HP Jetdirect 620n LAN card for HP Designjet 110plus Printer
Service and support	
U3477A/E	HP Care Pack, next business day on-site response, 3 years
U4662PA/PE	HP Care Pack, post warranty, next business day on-site response, 1 year

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

For more information, please call your local HP sales office or representative: **Albania:** +49 89 9396 1803; **Algeria:** +213 (0) 61 56 45 43; **Austria:** +43 (0) 810 00 60 80; **Bahrain:** 800 171; **Belgium:** +32 (02) 729 71 11; **Bulgaria:** +359 2 960 19 40; **Bosnia-Herzegovina:** +49 89 9396 1803; **Commonwealth of Independent States (CIS):** +(095) 923 50 01; **Croatia:** +385 1 606 02 00; **Czech Republic:** +420 261 10 81 11; **Denmark:** +45 45 99 10 00; **Egypt:** HP +202 345 13 52 or CPQ +202 792 50 70; **Estonia:** +372 6 813 820; **Finland:** HP Myyntipalvelu 010 217 2700; **France:** +33 (0) 826 800 400; **Germany:** +49 0180 532 62 22; **Greece:** +30 801 11 22 55 47; **HP East Africa:** Authorized Consultant: +254 20 271 6111; **Hungary:** +36 (1) 382 11 11; **Iceland:** +354 (1) 67 10 00; **Ireland:** +353 1 615 82 00; **Israel:** +972 9 830 48 48; **Italy:** Personal computer, Server Intel e periferiche +39 02 92607 330, Server e workstation UNIX, Storage, OpenView +39 02 92607 322; **Kazakhstan & Kyrgyzstan:** +7 327 2 58 43 43; **Latvia:** +371 703 07 00; **Lithuania:** +370 5 2103 300; **Macedonia:** +49 89 9396 1803; **Malta:** +49 89 9396 1803; **Middle East** (Within UAE Toll Free): 800 45 20; **Moldova:** +49 89 9396 1803; **Morocco (African Region):** Call Centre +212 22 40 47 47; HP Sale Office +212 22 97 37 37; **Netherlands:** +31 (30) 222 2000; **Nigeria:** +234 1 26 26 720 / 1; **Norway:** +47 24 09 70 00; **Poland:** 0 801 522 622 and/or 00 48 565 77 00; **Portugal:** +351 (1) 301 73 43; **Romania:** +40 (21) 303 83 00; **RSA:** +0800 11 88 83; **Russia:** +7 095 797 37 97; **Slovenia:** +386 1 230 74 20; **Slovakia:** 0800 147 147; **Saudi Arabia:** +800 897 14 33; **Serbia and Montenegro:** +381 11 201 99 00; **South Africa:** 0800 11 88 83; **Spain:** +34 (91) 631 16 00; **Sweden:** +46 200 27 00 00; **Switzerland:** Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; **Tunisia:** +216 1 89 12 22; **Turkey:** +90 (216) 579 79 00; **UAE** (Toll Free): 800 45 20; **United Kingdom:** HP Teleweb Glasgow +44 (0) 845 270 40 00; **Ukraine:** +380 44 490 61 20.



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