



DESIGNJET 111 PRINTER SERIES

The most affordable HP large-format series



Now you, too, can afford HP large-format printing

Always wish you had the tools to succeed in and out of school? HP can help. With this affordable, cost-effective large-format printer, you can print oversized projects up to A1 (D) size in the comfort of your home office—and save money!

- HP large-format printing is truly affordable. It won't cost a lot of money to buy the HP Designjet 111 Printer series, and HP supplies and printing materials ensure cost-effective operation. Produce class posters and presentations for less than a \$1.¹
- Don't waste your money printing projects or jobs at a reprohouse. This HP series is truly affordable and gives you the freedom to print in your home office. Now you don't have to wait, pay more, or hope for the best—because you're in control.
- Impress professors and clients alike with an all-purpose printer that does it all. Confidently take on any assignment—the HP Designjet 111 Printer series lets you print oversized posters, drawings, or presentations up to A1 or D-size.

The most compact HP large-format printer

So easy and convenient, this HP Designjet printer fits perfectly in any home office. Produce projects and jobs quickly and easily with right-click printing. It's also durable and—at only 1 m (3.3 ft.) wide—will fit just about anywhere you need it to.

- Leave new clients and tough professors with a strong, lasting impression. Deliver drawings with sharp, fine detail or posters and presentations with pure, vibrant colors. Original HP inks let you express your design vision down to the slightest detail.

- The smallest large-format printer on the market,² the HP Designjet 111 Printer series fits almost any environment. The space-saving design delivers a reduced footprint at only 1 m (3.3 ft) wide, making it perfect for the desktop in your home office.
- When you need to meet a deadline, you don't want to worry about changing a cartridge or fixing a jam. Fortunately the HP Designjet 111 Printer series delivers easy, dependable, and robust operation that you can really count on.

Innovative printing with HP Instant Printing

Take advantage of a large-format printing solution that does a lot and makes you look good. Use HP inks and media and produce A1-sized (D-sized) prints of the highest quality. And save valuable study and work time with convenient media handling.

- Accommodate demanding jobs, assignments with a device that's easy, convenient, and saves you a lot of time. Meet deadlines and avoid all nighters—with right-click printing, print any file without opening an application. Work with multiple files at once.
- Take advantage of this all-purpose printing solution from HP. Meet job size requirements and print out all of your own projects with one reliable printer that delivers the professional quality you expect—and your instructors and clients demand.
- Finish your documents to exact specification with easy, convenient media handling.
- Don't have time to deal with paper jams? Look to HP media—for that critical presentation, use photo papers that add the "wow" factor; for affordable, everyday printing use bond and coated papers. Take it to the next level with ColorPRO papers.

¹ Figures may vary from country to country depending on local ink pricing.

² Measuring only 0.3 square meters, the HP Designjet 111 Printer series is the smallest large-format printer on the market.





DESIGNJET 111 PRINTER SERIES

TECHNICAL SPECIFICATIONS

| Print | |
|--|---|
| Line drawings ¹ | 90 sec/page on A1/D, 11 A4/letter prints per minute |
| Color images ² | Fast: 90 sec/page on A1/D on coated media Best: 21.5 min/page on A1/D on glossy media |
| Print resolution | Up to 1200 x 600 dpi |
| Margins (top x bottom x left x right) | Roll: 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) Sheet: 5 x 12 x 5 x 5 mm (0.2 x 0.47 x 0.2 x 0.2 in) |
| Technology | HP Thermal Inkjet |
| Ink cartridge colors | Cyan, magenta, yellow, black |
| Ink types | Dye-based (color); pigment-based (black) |
| Ink drop | 4 pl (C, M, Y), 18 pl (K) |
| Ink cartridge size | 69 ml (black) 28 ml (cyan, magenta, yellow) |
| Line accuracy | +/- 0.2% ³ |
| Guaranteed minimum line width | 0.04 mm (0.001 in) (ISO/IEC 13660:2001(E)) ⁴ |
| Media | |
| Handling | With roll: Front manual single-sheet feed, rear manual path for thick media, manual roll feed with auto cutter With tray: Input tray, front manual single-sheet feed, rear manual path for thick 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) |
| Weight | 60 to 210 g/m ² (17 to 56 lb) |
| Size | Tray 1: 76 x 142 to 457 x 610 mm (3 x 5.6 to 18 x 24 in); manual sheet feed: 110 x 205 to 625 x 1625 mm (4.3 x 8.1 to 24.6 x 64 in); rear path: 110 x 205 to 625 x 1625 mm (4.3 x 8.1 to 24.6 x 64 in); roll feed: up to 609 mm (24 in) |
| Thickness | Tray 1: up to 8 mil; envelopes: up to 15 mil; front path: up to 8 mil; rear path: up to 15 mil |
| Connectivity | |
| Interfaces (standard) | Full-Speed USB 1.1, Centronics parallel IEEE1284 (ECP compliant), EIO Jetdirect accessory slot |
| Print languages | PCL 3 GUI |
| Drivers (included) | HP PCL 3 GUI driver for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; support for Citrix XenApp and Citrix XenServer environments |
| Software solutions | |
| | HP Instant Printing: Easily and quickly print your files in large-format with the simple click of a button. More information: www.hp.com/go/hpinstantprintingutility |
| Dimensions (w x d x h) | |
| Printer | With roll: 1042 x 495 x 220 mm (41 x 19.5 x 8.7 in) With tray: 1042 x 579 x 220 mm (41 x 22.8 x 8.7 in) |
| Shipping | With roll: 1192 x 545 x 453 mm (46.9 x 21.5 x 17.8 in); With tray: 1192 x 545 x 493 mm (46.9 x 21.5 x 19.4 in) |
| Weight | |
| Printer | With roll: 23 kg (50.7 lb); With tray: 22 kg (48.5 lb) |
| Shipping | With roll: 34.3 kg (75.5 lb); With tray: 34 kg (75 lb) |
| What's in the box | |
| | HP Designjet 111 Printer, printheads, introductory ink cartridges, quick reference guide, setup poster, documentation and drivers software, power cord |
| Environmental ranges | |
| Operating temperature | 5 to 40° C (41 to 104° F) |
| Storage temperature | -20 to 55° C (-4 to 131° F) |
| Operating humidity | 20 to 80% 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 | |
| Maximum | 45 watts |
| Powersave | < 15 watts |
| Off | 0.1 watts |
| Requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |
| Certification | |
| Safety | IEC 60950-1 ITE product compliant, EU (LVD and EN 60950-1 compliant), CSA Certified for US and Canada, Mexico (NOM), Argentina (IRAM), China (CCC), Singapore (PSB), Russia (GOST) |

| Electromagnetic | Compliant with requirements for Class B ITE products, EU (EMC Directive), US (FCC rules), Canada (DOC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Class A for Korea (KCC) |
|-------------------------------|--|
| Environmental | WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP |
| ENERGY STAR® qualified models | see: www.hp.com/go/energystar |
| Warranty | |
| | One-year limited hardware warranty |

ORDERING INFORMATION

| Product | |
|---|--|
| CQ532A | HP Designjet 111 24-in Printer with Roll |
| CQ533A | HP Designjet 111 24-in Printer with Tray |
| Accessories | |
| Q1246B | HP Designjet 1xx/5xx Mono 24-in Stand |
| Q1264A | HP Designjet 1xx 24-in Spindle |
| C7797A | HP Designjet Manual Roll Feed (only available for Printer with Tray) |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| Original HP printheads | |
| C4810A | HP 11 Black Printhead |
| C4811A | HP 11 Cyan Printhead |
| C4812A | HP 11 Magenta Printhead |
| C4813A | HP 11 Yellow Printhead |
| Original HP ink cartridges | |
| CH565A | HP 82 69-ml Black Ink Cartridge |
| C4836A | HP 11 Cyan Ink Cartridge |
| C4837A | HP 11 Magenta Ink Cartridge |
| C4838A | HP 11 Yellow Ink Cartridge |
| Original HP large-format printing materials | |
| HP Bright White Inkjet Paper with ColorPRO Technology | C1860A, C1861A, C6035A, C6036A, C6810A, Q1444A, Q1445A, Q1446A |
| HP Universal Bond Paper with ColorPRO Technology | Q1396A, Q1397A, Q1398A, Q8003A, Q8004A, Q8005A |
| HP Recycled Bond Paper | CG889A, CG890A, CG891A |
| HP Heavyweight Coated Paper | C6029C, C6030C, C6569C, C6570C, C6977C, Q1956A, Q1957A |
| HP Universal Heavyweight Coated Paper | Q1412A, Q1413A, Q1414A, Q1416A |
| HP Universal Coated Paper | Q1404A, Q1405A, Q1406A, Q1408A |
| HP Coated Paper | C6019B, C6020B, C6567B, C6568B, C6980A, Q1441A, Q1442A, Q1443A |
| HP Natural Tracing Paper | Q1439A, C3869A, C3868A |
| HP Translucent Bond Paper | C3860A, C3868A |
| HP Vellum Paper | C3861A, C3862A |
| HP Matte Film | 51642A, 51642B |
| HP Universal High-gloss Photo Paper | Q1426A, Q1427A, Q1428A, Q1429A, Q1430A |
| HP Universal Semi-gloss Photo Paper | Q1420A, Q1421A, Q1422A, Q1423A, Q1424A |

For more HP large-format printing materials and detailed information on sizes and region availability, please visit us online at: www.hp.com/go/lfprinting/materials-supplies



With the addition of ColorPRO Technology, HP papers provide professional quality and striking results at production speed for high-quality, high-productivity printing of graphics and technical applications.

| Service and support | |
|---------------------|---|
| UV230E | HP 3 year Next Business Day Onsite Support |
| UV233E | HP 3 year 4 hour response, 9x5 Onsite Support |
| UV236E | HP 3 year 4 hour response, 13x5 Onsite Support |
| UV239PE | HP 1 year, Post Warranty, Next Business Day Onsite Support |
| UV240PE | HP 2 year Post Warranty, Next Business Day Onsite Support |
| UV241PE | HP 1 year Post Warranty, 4 hour response, 9x5 Onsite Support |
| UV242PE | HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support |
| UC744E | HP Network Installation Service Designjet 400-6100 SVC |

¹ Mechanical printing time. Printed in Fast mode on HP Bright White Inkjet Paper (Bond).

² Mechanical printing time.

³ +/- 0.2% of the specified vector length or +/- 0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode.

⁴ Measured on HP Matte Film.

For more information, visit our website at www.hp.com/go/designjet111

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