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 1m (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.

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	**Roll:** 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
(top x bottom x left x right)	**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/m² (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 IEEE-1284 (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)
J7961Q	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