

HP Designjet 70 Printer



Expand your vision and bring your work to life with the affordable HP Designjet 70 Printer. Cost-effective to operate, it's ideal for everyday CAD and business printing offering superior speed, vivid colours and a wide range of media sizes up to A2+.



HP Designjet 70 Printer, shown with optional roll feed with automatic cutter

The HP Designjet 70 Printer is ideal for CAD users like architects, engineers and designers who need an affordable and versatile colour printer to produce high quality line drawings, renders, check and final plots. It is also excellent for general business users who need an easy-to-use A2+ printer for office colour printing of documents like charts, timelines, diagrams, spreadsheets, presentations and marketing material.

Expand your vision with versatile, full-colour, multi-format printing up to A2+, for maximum impact.

- Print outstanding results on a full range of media from 102 to 458 mm wide, up to 45.7 m long and weights of up to 300 g/m².
- Enjoy the flexibility of three independent paper paths: the standard tray holds up to 150 sheets of A2+ size media, the front manual-feed path for up to A2+ size media and a rear manual path for media up to 0.4 mm thick and weighing up to 300 g/m².
- Use the roll feed with automatic cutter¹ to print on media up to 458 mm wide and 45.7 m long.

Enhance your work with brilliant colours and crisp, distinct lines and sharp text.

- Precise ink placement to create sharp details, accurate lines and crisp text.
- The black pigmented HP ink² provides lasting results for archiving CAD plots and architectural plans².
- Produce rich, vibrant colour with patented HP Inks, 1200 dpi and HP Color Layering Technology.
- Interactive HP Smart Printing Technology makes automatic, continuous adjustments to optimise print quality.
- Flexible connectivity and a choice of interfaces allow printer configuration in multiple network environments.

Save time and money with this budget-friendly printer that is cost-effective to own and operate.

- Enjoy lower total costs of printing and reliable ink usage with ink cartridges that can be individually replaced.
- Increase your productivity with fast print speeds of 11 ppm (A4) and up to 44 seconds per A2 page in Fast mode.
- Cut out trial and error as the intelligent print preview feature shows actual layout positioning ensuring you get accurate results. Enhanced drivers offer support for AutoCAD™ files.
- Reduce outsourcing costs with in-house colour printing of all materials up to A2+.

¹ Roll feeder with automatic cutter is optional (not included, sold separately) on the HP Designjet 70 Printer.

² With the HP 10 Black Ink Cartridge and Printhead. In accordance with ISO Standard 11798. Using genuine HP supplies ensures availability of all HP printing features.

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 44 seconds per A2 page in Fast mode 4 minutes per page colour image (ISO N5) Normal mode A3 Glossy Paper A3: the printed area dimensions (margins not included) for file N5 are 279.9 x 350 mm
Print quality	1200 x 600 dpi
Line accuracy	± 0.2%
Minimum line width	0.04 mm
Memory	64 MB
Media types	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer) transparencies
Media sizes	Standard: A2, A3, A4, B3, B4, A/B/C (English architectural), envelopes, banners Custom: 76 x 142 to 458 x 1625 mm
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: 45.7 m with optional roll-feed Sheet: 1625 mm
Maximum media width	458 mm
Maximum print length	15.2 m (using roll feed, application dependent)
Maximum print area	448 x 1608 mm
Media handling	Sheetfed (automatic input tray for 150 sheets up to A2+, front manual single-sheet feed, rear manual path for thick media), optional roll feed with automatic cutter
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 Optional: HP Jetdirect 620n, 615n, 680n, 610n, 600n, 175x, 310x, 380x, en3700
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, 2000, XP; Mac OS 9.x, 10.2, 10.3
Network operating systems compatibility	Microsoft® Windows® 98 SE, Me, 2000, 2003, XP; Mac OS 9.x, OS X, 10.2, 10.3
Minimum system requirements	Microsoft® Windows® 98, Me: Pentium® I, 133 MHz, 48 MB RAM, 300 MB available hard disk space; Microsoft Windows 2000, 2003 Server: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Microsoft Windows XP: Pentium III, 733 MHz, 128 MB RAM, 400 MB available hard disk space iMac G3, Mac OS 9 v 9.1, Mac OS X, 10.2, 256 MB RAM, 100 MB available hard disk (compatible Macintosh hardware: iMac G3, G4, G5, G4 dual processor, 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; Microsoft Windows 2000, 2003 Server: Pentium III, 733 MHz, 256 MB RAM, 2 GB available hard disk space; Microsoft Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space; Microsoft Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space; Mac OS 9 v 9.2, Mac OS X, 10.2 and higher, 10.3, G3 dual processor, 512 MB RAM, 1 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, 10.2, 10.3
Software included	HP Designjet Windows software, HP Designjet Macintosh software
Power	Requirements: Input voltage 100 to 240 VAC (± 10%) auto ranging, 50/60 Hz (± 3 Hz), 2 amp maximum Supply type: Built-in universal power supply Consumption: 48 watts maximum
Dimensions (w x d x h)	Out of package: 890 x 415 x 220 mm; packaged: 1035 x 544 x 498 mm
Weight	Out of package: 18.5 kg; packaged: 30 kg
Operating environment	Environmental ranges: operating temperature: 5 to 40° C; operating humidity: 20 to 80% RH; recommended operating humidity: 25 to 75% RH; recommended operating temperature: 15 to 35° C; storage temperature: -25 to 55° C; storage humidity: 0% to 95% RH. Noise level per ISO 9296; sound power: LwAd 6.2 B(A); sound pressure: LpAm 50 dB(A)
Certifications	IEC 950-compliant, EU LVD and EN60950 compliant, CSA certified for US and Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCC, Singapore PSB, Russia VNIIS, Korea KTL. Compliance for Class B products, Class A when connected to LANs: EU (EMC Directive), USA (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Class A: Korea (MIC), Taiwan (BSMI), Energy Star®
Warranty	One-year next business day exchange

Ordering information

Q6655A HP Designjet 70 Printer, power cord, printheads (4), print cartridges (4), input/output tray, input tray cover, documentation and driver CD, setup poster, quick reference guide, customer service guide

Accessories

Q6662A HP Designjet 70/90 Roll Feed Accessory
Q6661A HP Designjet 70/90 Spindle Accessory

Media supplies

C7884A HP Proofing Semi-gloss 150 g/m² A3+ (330 mm x 483 mm)
Q1967A HP Proofing Matte 146 g/m² A3+ (330 mm x 483 mm)
Q5486A HP Premium Plus Photo and Proofing Gloss A3+ (330 mm x 483 mm)
Q5489A HP Premium Plus Photo Satin A3+ (330 mm x 483 mm)
Q5492A HP Photo Matte A3+ (330 mm x 483 mm)
Q7970A HP Professional Semi-gloss Contract Proofing Paper 235 g/m² A3+ (330 mm x 483 mm)
Q1961A HP Coated Paper 90 g/m² A2+ (458 mm x 610 mm)
Q5487A HP Premium Plus Photo and Proofing Gloss A2+ (458 mm x 610 mm)
Q5490A HP Premium Plus Satin A2+ (458 mm x 610 mm)
Q7895A HP Proofing Semi-gloss 150 g/m² A2+ (458 mm x 30.5 m)
Q7896A HP Proofing Matte 146 g/m² A2+ (458 mm x 30.5 m)
Q7897A HP Coated Paper 90 g/m² A2+ (458 mm x 45.7 m)
Q7920A HP Premium Plus Satin 286 g/m² A2+ (458 mm x 15 m)

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 Internal Print Server

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>

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