

HP Designjet 130 Printer Series

Printers for creative professionals—the affordable HP Designjet 130 multifunction printing systems create fade-resistant, photo-quality images with consistent colors for professional photos, prints and proofs.



Color images that last

- **Fade-resistant, photo-quality images.** Proprietary dye-based HP Viverna inks are carefully engineered to work flawlessly with all parts of the printing systems so you achieve rich, vibrant color and extraordinary photo image quality with exceptional fade-resistance.¹ Graphics designers and professional photographers can rest assured that the images they create will maintain their impact.
- **Rich color depth and minimal dot visibility.** The six-color HP writing system delivers a wide range of colors, deeper blacks, continuous tones and superior gloss uniformity. A 4-picoliter ink-drop size maintains fine detail reproductions, especially in dark areas, and smooth tonal transitions.

Reliable color

- **See reliable, consistent color from print to print.** The HP Designjet 130 Series printers feature automatic closed-loop color calibration to provide consistent color, print to print and printer to printer.
- **Full-color workflow support.** Optimized Macintosh and Windows® drivers provide key features for creative professionals, including RGB ICC profiles and full Apple ColorSync support. Optional Adobe® PostScript® 3™ software RIP provides robust color management and proofing options for the CMYK workflow. The HP Designjet 130gp, with an easy-to-use HP Colorimeter, display profiling and calibration software plus ICC profiles—all powered by X-Rite technology—helps provide accurate monitor colors and improve monitor-to-printer consistency.

- **Making professional color results simpler.** Every HP Designjet 130 printer ships with a multimedia tutorial to help users get results without a lot of trial and error. HP's free online knowledge center provides illustrated step-by-step instructions specific to your application, computer and workflow. And HP's custom color profiling service provides high-quality ICC media profiles for professionals whose work demands superior color accuracy.

Postcards to posters

- **Ideas big and small—no more cutting and pasting.** The standard tray holds up to 70 sheets as small as a postcard or as big as a poster (18 x 24-inch). Extra-wide front and rear paths allow oversize output up to 24 x 64-inch; automatic roll feed (optional on the 130) supports printing up to 24-inch x 50-feet and allows you to switch between loaded media options without intervention.
- **Media that shows off your ideas.** The HP Designjet 130 Series printers can handle stock in weights up to 80 lb, as well as thick or rigid media (up to .015 inches). Choose from a variety of media finishes, including gloss, satin and matte.

Time to design

- **See results and get client approval fast.** Print up to 4 mpp for B size and up to 12 mpp for a 2 x 3-foot image in Normal mode, with fast color stability. Proofs and prints can be reviewed and approved in real time.
- **More time creating.** In-house printing for oversize output eliminates delays and shortens project timelines. Reliable, modular HP ink cartridges and printheads require minimal user intervention and infrequent maintenance—further enhancing cost-effectiveness and efficiency.

¹ Wilhelm Imaging Research, Inc., concluded that prints made with HP 85 ink cartridges and HP Premium Plus Photo papers may be displayed indoors under glass for 82 years before noticeable fading and staining occur. (see www.wilhelm-research.com for details).

HP Designjet 130 Printer Series

1. LCD printer status indicator for ink supply maintenance and print message alerts
2. Media tray holds up to 70 sheets of standard-size media (up to 18 x 24 in.)
3. Front bypass slot accommodates cut-sheet media up to 24 in.
4. Small footprint allows placement of printer on tabletop or in common work area
5. HP Colorimeter powered by X-Rite technology (HP Designjet 130gp Printer only)
6. USB and parallel connections plus network capability (standard on 130nr) ensure easy system integration
7. Rear bypass slot handles heavy and rigid media of weights up to 80 lb (300 g/m²)
8. Automatic roll feed (optional on the HP Designjet 130) feeds rolls up to 24 in. in width



HP Designjet 130gp front shown

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Internal color sensor for color consistency

Fade-resistant inks with 4 pl drop size for fade-resistant, photo-quality images

Modular ink system with six independently replaceable ink cartridges allows you to replace only the ink colors you need



HP Designjet 130nr rear shown

Series at a glance

HP Designjet 130

- 70-sheet input tray for sheets up to 18 x 24 in.
- Slot for single sheets up to 24 x 64 in.
- One open EIO slot for optional network connectivity

Optional accessories:

- EFI Designer Edition RIP for HP XL
- Printer stand and media bin
- Automatic roll-feed
- Additional roll-feed spindle
- HP remote color-profiling service

HP Designjet 130nr

All the features of the 130 model, plus:

- Automatic roll feed for printing up to 24 in. x 50 ft
- HP Jetdirect internal EIO print server

Optional accessories:

- EFI Designer Edition RIP for HP XL
- Printer stand and media bin
- Additional roll-feed spindle
- HP remote color-profiling service

HP Designjet 130gp

All the features of the 130nr model, plus:

- HP Colorimeter powered by X-Rite technology

Optional accessories:

- EFI Designer Edition RIP for HP XL
- Printer stand and media bin
- Additional roll-feed spindle
- HP remote color-profiling service

As a creative professional, you need more than reliability, performance and value. Your world is all about color. That's why HP has implemented technologies and solutions that deliver the color quality, consistency and control you need for a superior color experience.

Color solutions for your workflow

RGB or CMYK. Printing or proofing. Pleasing color or accurate color. With the HP Designjet 130 printing system, you can choose the solution that best fits your needs, your workflow and your environment.

HP Designjet 130 drivers

Optimized Mac and Windows® drivers deliver outstanding color output for photographers or designers printing images in an RGB workflow. Support for RGB ICC profiles means you have the choice of managing color in the applications or via ICM profile or ColorSync tools. The drivers also allow you to balance color channels individually when you need one last tweak.

HP Colorimeter powered by X-Rite technology

Color consistency is important throughout your project, from monitor to final printed piece. Viewing accurate color on your screen is the first step to a reliable and dependable color workflow. That's why HP offers the HP Designjet 130gp—it includes an HP Colorimeter with display profiling and calibration software plus ICC profiles, powered by X-Rite technology. This simple yet powerful solution has an easy mode for beginners and an advanced mode for experienced users. It works on all types of monitors and both PC and Macintosh systems.

EFI Designer Edition RIP for HP

The EFI Designer Edition RIP, tailored for HP printers offers a powerful yet cost-effective digital proofing system that allows full control over digital proofing needs and saves hassle, time and money. Together, EFI and HP enable designers, photographers and other creative professional to easily generate proof-quality prints with sharp detail, color accuracy and smooth tonal transitions.

Third-party RIPs

HP has worked with virtually all the leading RIP vendors in digital photography, large-format printing and prepress proofing fields to ensure you can choose the solution that best matches your color workflow.

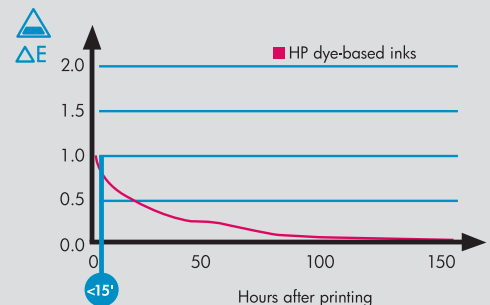
Color technology by HP

Inks and media deliver fade resistance and stability

New, dye-based inks, combined together with HP papers, produce images that stabilize in minutes rather than hours and last for years. HP inks, media and printers are designed together for results that do justice to your ideas.

HP Designjet 130 Printer series

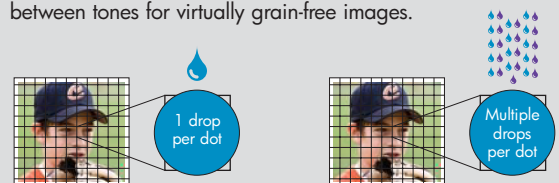
(using HP Proofing Semi-gloss Paper)



HP color layering technology

Like artists creating new colors by mixing the standard paints on their palettes, multilayering technology uses the basic CMYKcm palette to achieve a much broader range of printable colors.

By layering ultra-small (4 pl) drops within a single dot, HP Designjet 130 printers produce smoother gradations between tones for virtually grain-free images.



Automatic color calibration

The automatic closed-loop color (CLC) calibration process enables consistent and accurate color reproduction.

The CLC process is based on measuring, via a color sensor, reflected energy from primary color tiles that are illuminated with a narrow-band light source. The process works in much the same way as a classical densitometer. The printer generates a target, scans the pattern and adjusts based on the results.



HP Designjet 130 Printer Series

Technical specifications

Print	
Print speed using N5 file	B size: up to 4 min/page (Normal, glossy); B size: up to 6 min/page (Best, glossy) D size: up to 11.9 min/page (Normal, glossy); D size: up to 17.5 min/page (Best, glossy)
Print resolution maximum	Up to 2400 x 1200 dpi
Memory	64 MB
Media	
Handling	70-sheet input tray (for sheets up to 18 x 24 in.); front-bypass single-sheet feed up to 24 x 64 in.; rear-bypass single-sheet feed up to 24 x 64 in.; automatic 24-in. roll feed with automatic cutter (for HP Designjet 130nr/gp models only)
Types	Plain, coated, glossy and heavyweight paper; transparencies
Weight (by paper path)	Tray 1: 17 to 40 lb; manual single-sheet feed: 17 to 40 lb; rear path: up to 80 lb; roll feed: 17 to 40 lb (for HP Designjet 130nr/gp models only)
Thickness (by paper path)	Tray 1: up to 0.008 in., envelopes: up to 0.015 in.; rear tray: up to 0.015 in.; manual sheet feed: up to 0.008 in.; roll media: up to 0.008 in. (for HP Designjet 130nr/gp models only)
Size	Postcards, letter, legal, tabloid, executive, C, D, D+, envelopes, banners
Printing	
Margins (B-size)	Top: 0.2 in.; bottom: 0.47 in.; left: 0.2 in.; right: 0.2 in.
Technology	HP Thermal Inkjet
Print technology resolution	HP color layering technology, PhotoREt IV
Print cartridge colors	Black, cyan, magenta, yellow, light cyan, light magenta
Ink types	Fade-resistant, dye-based HP Vivera inks
HP Professional Color technologies	Automatic color calibration, automatic PANTONE® calibration, offset simulation and CMYKplus
Connectivity	
Interfaces (standard)	HP Designjet 130: Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot HP Designjet 130nr/130gp: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot, HP Jetdirect 620n
Interfaces (optional)	HP Jetdirect 680n, 610n, 600n, 175x, 310x, 380x, 620n, 625n (for HP Designjet 130 models only)
Print languages	Standard: PCL3-GUI RGB 24-bit Contone; optional: Adobe PostScript 3 via software RIP
Drivers (included)	Raster driver for Mac OS 9.x, X.1, X.2, X.3; PCL 3-GUI Windows driver; Microsoft Windows drivers 95, NT 4.0, 2000, XP, Server 2003, XP Professional x64 Edition, including support for AutoCAD 2000-2006, USB
Standard operating systems	Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP, Server 2003, XP Professional x64 Edition, Mac OS 9: v9.1, 9.2; Mac OS X: v 10.2, 10.3
Environmental ranges	
Operating temperature	41 to 104° F/5 to 40° C
Recommended operating temperature	59 to 95° F/15 to 30° C
Storage temperature	-4 to 131° F/-20 to 55° C
Operating humidity	20 to 80% RH
Recommended humidity	25 to 75% RH
Storage humidity	0 to 95% RH
Acoustics	
Sound pressure	50 dB(A)
Sound pressure, standby	37 dB(A)
Sound power	6.2 B(A)
Sound power, standby	5.4 B(A)
Power consumption	
Maximum	65 watts
Standby	22 watts
Power requirements	Input voltage: 100 to 240 VAC (± 10%), 50/60 Hz (± 3Hz), 2 amp maximum
Certification	
Safety	IC 950-compliant, EU LVD and EN60950 compliant, CSA certified for USA and Canada
Electromagnetic	Compliance for Class B products, Class A when connected to LANs, EU (EMC Directive), USA (FCC rules), Canada (DoC)
Environmental	ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar
Warranty	
	One-year warranty
Care Pack Services	
	UC744E HP Installation with Network Configuration Service U3477E HP 3-Year Next Business Day Onsite Service

For more information visit our website at www.hp.com

Recommended system requirements	
Macintosh	Dual 1 GHz PowerPC G4, 512 MB RAM
Windows	Microsoft Windows (95, Me): Pentium® II, 300 MHz, 128 MB RAM, 1 GB available hard disk space; Microsoft Windows NT®: Pentium III, 733 MHz, 128 MB RAM, 2 GB available hard disk space; Microsoft Windows 2000: 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
Dimensions (w x d x h)	
Printer	HP Designjet 130: 41.3 x 15.7 x 8.7 in. HP Designjet 130nr/130gp: 41.3 x 20.5 x 8.7 in.
Maximum	HP Designjet 130: 41.3 x 31.5 x 8.7 in. HP Designjet 130nr/130gp: 41.3 x 36.2 x 8.7 in.
Shipping	HP Designjet 130: 47 x 21.5 x 19.5 in. HP Designjet 130nr/130gp: 47 x 21.5 x 19.5 in.
Weight	
Printer	HP Designjet 130: 48.5 lb HP Designjet 130nr/130gp: 50.7 lb
Shipping	HP Designjet 130: 74.6 lb HP Designjet 130nr/130gp: 75.7 lb
What's in the box	
HP Designjet 130: HP Designjet 130 Printer, power cord, printheads (6), print cartridges (6), input/output tray, drivers and documentation CD, setup poster, Quick Start Guide, media samples, customer care document, HP Designjet 30/90/130 CBT tutorial CD	
HP Designjet 130nr/130gp: HP Designjet 130nr Printer, automatic roll feed, HP Jetdirect network card, power cord, printheads (6), print cartridges (6), input/output tray, drivers and documentation CD, setup poster, Quick Start Guide, media samples, customer care document, HP Designjet 30/90/130 CBT tutorial CD, Eye One display with monitor calibrator from X-Rite (for HP Designjet 130gp models only)	

Ordering information

Product	
C7791C	HP Designjet 130
C7791D	HP Designjet 130nr
C7791E	HP Designjet 130gp

Accessories

Q1246A	HP Designjet Printer Stand & Media Bin
Q1264A	Spindle
UC217E	ICC profile (creation of 1 profile)
UC218E	ICC profile (creation of 3 profiles)
Q1247A	Automatic roll feed (130 model only)

Original HP printheads

C9420A	HP 85 Cyan Printhead
C9421A	HP 85 Magenta Printhead
C9422A	HP 85 Yellow Printhead
C9423A	HP 85 Light Cyan Printhead
C9424A	HP 85 Light Magenta Printhead
C5019A	HP 84 Black Printhead

Original HP ink cartridges with HP Vivera inks

C9425A	HP 85 Cyan Ink Cartridge
C9426A	HP 85 Magenta Ink Cartridge
C9427A	HP 85 Yellow Ink Cartridge
C9428A	HP 85 Light Cyan Ink Cartridge
C9429A	HP 85 Light Magenta Ink Cartridge
C5016A	HP 84 Black Ink Cartridge

Media

Q5492A	HP Photo Matte B+, 50 sheets
Q5486A	HP Premium Plus Photo Gloss B+, 25 sheets
Q5487A	HP Premium Plus Photo Gloss C+, 20 sheets
Q5488A	HP Premium Plus Photo Gloss, 24" roll, 50 ft
Q5489A	HP Premium Plus Photo Satin B+, 25 sheets
Q5490A	HP Premium Plus Photo Satin C+, 20 sheets
Q5491A	HP Premium Plus Photo Satin, 24" roll, 50 ft

Network and software

Q6643D	EFI Designer Edition for HP XL
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More HP media sizes and weights available at www.hp.com/go/designjet/supplies

HP recommends genuine Microsoft® Windows® XP Professional for mobile computing.



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