

HP Designjet 30 printer series



These wide-format graphics printers deliver consistent color with astonishing, fade resistant* photo quality via HP Professional Color technologies.



HP Designjet 30
printer series

The HP Designjet 30 wide-format, six-color printer series produces fade-resistant,* photo-quality images with stunning results print after print. Whether designs call for postcard-size images or full-color pages, this printer delivers the job affordably and reliably. HP Professional Color technologies, including Automatic Closed Loop Color calibration, automatic PANTONE Calibration,** CMYKplus,** and offset emulation** provide highly accurate color and maximum color consistency within and between print jobs. Special graphic options in the printer driver are optimized to support Mac and Windows printing.

Fade-resistant*, photo-quality images

- New, dye-based HP inks that resist fading for approximately 70 years* and provide rich color depth, minimal dot visibility, and uniform gloss.
- Automatic printhead alignment & color calibration for maximum color consistency.
- Get superb color image quality with 2400 dpi and a modular dye-based ink system.

Color consistency from print to print and from printer to printer

- Use a wide range of HP media weights and types.
- With HP Professional Color technologies, including Automatic Closed Loop Color calibration, get fast color stability for pre-press printing with accurate color.
- Handles stock in weights up to 80 lb (300 g/m²) and up to 0.02 inches (0.4 mm) in thickness.
- Choose from a variety of media finishes, including HP Premium Plus Photo and Proofing Gloss and HP Photo Matte.

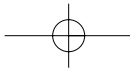
Time to design

- Print high-quality images quickly at up to 4 min/page for B/A3 sizes in Normal mode on glossy media.
- Optimized drivers with RGB ICC profiles support Mac and Windows applications.
- Apple ColorSync compatibility ensures color matching during workflow.
- Use optional HP software RIP for expanded printing options and color accuracy.

**Preliminary results from tests conducted by Wilhelm Imaging Research, Inc. indicate that prints made with HP No. 85 ink cartridges and HP Premium Plus Photo and Proofing Gloss paper may be displayed indoors under glass for approximately 70 years before noticeable fading and staining will occur.*

***With optional software RIP; not included, sold separately.*





Technical specifications

Product numbers	HP Designjet 30 C7790D HP Designjet 30n C7790E
Print technology	HP Thermal Inkjet
Print technology resolution	HP Color Layering technology, PhotoREt IV
Print resolution color	Up to 2400 x1200 dpi
Lighfastness	Approximately 70 years*
Print speed (using N5 file)	B/A3 size: Up to 4 min/page (Normal, Glossy) B/A3 size: Up to 6 min/page (Best, Glossy)
Print margins	Top (A3) 0.2 in (5 mm) Bottom (A3) 0.47 in (12 mm) Left (A3) 0.2 in (5 mm) Right (A3) 0.2 in (5 mm)
Print cartridge colors	Black, cyan, magenta, yellow, light cyan, light magenta
HP Professional Color technologies	Automatic Color Calibration, Automatic Pantone Calibration, Offset simulation and CMYKplus
Ink types	DYE-based
Media sizes	Postcard, letter, legal, B, B+ (Postcard, A4, A3, A3+, A, B, B+)
Media thickness (by paper path)	Tray 1: up to 0.008 in (0.2 mm); envelopes: up to 0.015 in (0.4 mm); Rear Tray: up to 0.015 in (0.4 mm); manual sheet feed: up to 0.008 in (0.2 mm)
Media weights (by paper path)	Tray 1: 17 to 40 lb (65 to 150 g/m ²); manual single-sheet feed: 17 to 40 lb (65 to 150 g/m ²); rear path: up to 80 lb (300 g/m ²)
Drivers (included)	Raster driver for Mac OS (9.x, X.1, X.2, X.3), PCL 3-GUI Windows driver, Microsoft Windows drivers (95, 98, Me, NT 4.0, 2000, XP) including support for AutoCAD 2000, USB, ECP drivers
Minimum system requirements	<u>Windows</u> Microsoft Windows 95, 98: Pentium I, 133 MHz, 128 MB RAM, 300 MB available hard disk space; Microsoft Windows NT: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Microsoft Windows 2000, 2003: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Microsoft Windows XP: Pentium III, 733 MHz, 256 MB RAM, 400 MB available hard disk space <u>MAC</u> iMac G3, G4, G5 dual processor, iBook, PowerBook, eMac; Mac (OS 9.1, OS X v 10.1.5): 128 MB RAM, 100 MB available hard disk space
Recommended system requirements	<u>Windows</u> 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 space <u>MAC</u> Dual 1 GHz PowerPC G4, 512 MB RAM
Memory	32 MB
Connectivity	30 Standard USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot 30 Optional HP Jetdirect 615n print server for Fast Ethernet 30n USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot HP Jetdirect 615n print server for fast Ethernet
Print languages	Standard PCL 3-GUI RGB 24-bit Contone Optional Adobe PostScript 3 via software RIP
Max. dimensions (h x d x w)	28.5 x 21.3 x 8.8 in (723.9 x 441.9 x 223.7 mm)
Total weight	27.5 lb (12.5 kg)
Power consumption	65 watts (max), 18 watts (standby)
Power supply	Input voltage 100 to 240 VAC (+/- 10%) auto ranging, 50/60 Hz (+/- 3Hz), 2 amps maximum
Electromagnetic compatibility	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 for Korea (MIC), Taiwan (BSMI)
Safety	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, Poland ELTEST, Korea KTL
Warranty (preliminary)	One-year warranty
What's in the box	HP Designjet 30: HP Designjet 30 printer, power cord, USB cable, printheads (6), print cartridges (6), input/output tray, Macroinstaller, user documentation CD, Setup Poster, Quick Start Guide, media samples, Customer care document HP Designjet 30n: HP Designjet 30n printer, power cord, USB cable, printheads (6), HP Jetdirect 615n LAN card, print cartridges (6), input/output tray, Macroinstaller, user documentation CD, Setup Poster, Quick Start Guide, media samples, Customer care document
Accessories	HP Designjet 30: HP Software RIP for HP Designjet 30 (Q5671A) HP Jetdirect 615n print server for Fast Ethernet (J6057A), EFI Designer Edition 4.0 for HP M (Q6641A) (Japan - Q6642A) HP Designjet 30n: HP Software RIP for HP Designjet 30 (Q5671A), EFI Designer Edition 4.0 for HP M (Q6641A) (Japan - Q6642A)



The information contained herein is subject to change without notice.

For more information about these and other HP Designjet printers, go to: www.hp.com/go/graphic-arts

Printed on the HP Indigo Digital Press 3000.

Ordering information

Media supplies	
Q5492A	HP Photo Matte B+/50 sheet
Q5486A	HP Premium Plus Photo and Proofing Glass B+/25 sheet
Q5489A	HP Premium Plus Photo Satin B+/25 sheet

For a complete list of all media that work with the HP Designjet 30 printer series, please take a look at www.designjet.hp.com/go/supplies

Ink supplies	
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
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

Accessories	
HP Designjet 30	
Q5671A	HP Software RIP for HP Designjet 30
J6057A	HP Jetdirect 615n print server for Fast Ethernet
Q6641A	EFI Designer Edition 4.0 for HP M (Q6641A) (Japan - Q6642A)

HP Designjet 30n	
Q5671A	HP Software RIP for HP Designjet 30
Q6641A	EFI Designer Edition 4.0 for HP M (Japan - Q6642A)

Support packs	
H7708A	HP Care Pack Next Day Exchange, 3 years (EMEA, NA, LAR, JP, Australia, New Zealand)
H7708E	HP Care Pack Next Day Exchange, 3 years (EMEA, NA, LAR, JP, Australia, New Zealand)
H7598A	HP Care Pack Return to HP, 3 years (AP except JP, Australia, New Zealand)
H7598E	HP Care Pack Return to HP, 3 years (AP except JP, Australia, New Zealand)

