



HP Designjet 800 printer series

Media / ink	
Media sizes, std.	800 (24 in) / 800ps (24 in): 8.3- to 24-in. wide sheets; 24-in rolls 800 (42 in) / 800ps (42 in): 8.3- to 42-in. wide sheets; 24-, 36-, and 42-in rolls
Maximum print length	150 ft
Media types	Bright White Inkjet Paper (bond), Translucent Bond, Natural Tracing Paper, Vellum, Clear Film, Matte Film, Coated Paper, Heavyweight Coated Paper, High-Gloss Photo Paper, Semi-Gloss Photo Paper, Paper-Based Semi-Gloss, Satin Poster Paper, Studio Canvas, Banners with Tyvek, Colorfast Adhesive Vinyl
Media handling	Single sheet feed, roll feed, automatic cutter
Print cartridges	4 (1 each black, cyan, magenta, yellow)
Ink types	Pigment-based black, dye-based color
Print quality / technology	
Prints colors	Yes
Print technology	HP Thermal Inkjet
Print quality, black	2400 x 1200 dpi on HP Premium Photo papers
Print quality, color	2400 x 1200 dpi on HP Premium Photo paper
Print languages / typefaces / memory	
Print languages, std.	800ps (24 in) / 800ps (42 in): Adobe® PostScript® 3, HP-GL/2, HP RTL, CALS G4, (TIFF and JPEG files from UNIX®, Linux and Windows NT via ZEHRaster Plus) 800 (24 in) / 800 (42 in): HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX®, Linux and Windows NT via ZEHRaster Plus)
Typefaces	800ps (24 in) / 800ps (42 in): 136 PostScript® built-in Roman fonts, Asian PostScript fonts in-the-box, Morisawa fonts for Japan, support for Sandoll, Hancom and Yoon PS fonts and Arphic for Taiwan 800 (24 in) / 800 (42 in): None

Memory, std.	800ps (24 in) / 800ps (42 in): 160 MB 800 (24 in) / 800 (42 in): 96 MB
Memory, max.	160 MB
Hard disk	Standard, 6 GB
Connectivity	
Connectivity, std.	Centronics parallel, IEEE 1284-compliant (ECP), USB 2.0 compliant with Windows 98 SE, ME, 2000, XP, 2003 Server, Mac OS 8.x, 9.x, X, 10.x; HP Jetdirect EIO 10/100 Base-Tx internal print server
Connectivity, opt.	Jetdirect 600n, 610n, 615n, and 680n EIO internal print servers, HP Jetdirect 500x, 300x. and 170x external print servers
Print drivers, std.	800 (24 in) / 800 (42 in): Microsoft® Windows 95, 98, NT 4.0, 2000; AutoCAD 2000 and Releases 13, 14 for Windows 800ps (24 in) / 800ps (42 in): Microsoft® Windows 95, NT 4.0 without USB; Windows 98, 2000 with USB; Macintosh OS 8.1 or later; AutoCAD 2000 and Releases 13, 14 for Windows
Speed	
Print speed, fast mode	Line drawings: 90 sec; color images: 85 sq ft/hr
Print speed, normal mode	36 sq ft/hr
Color print speed, best	21 sq ft/hr
Scan specifications	
Scan resolution, optical	800 (24 in) / 800ps (24 in) / 800ps (42 in): Optical resolution:
warranty / dimensions / weight	
Warranty, std.	One-year warranty with free on-site, next business-day service, backed by HP support centers around the world. HP Supportpacks and service agreements allow you to extend your warranty to up to five years, and can provide around-the-clock service with a response time of within 4 hours, every day of the year (depending on the country)
Dimensions (w x d x h)	800 (24 in) / 800ps (24 in): 49 x 19 x 14 in 800 (42 in) / 800ps (42 in): 67 x 27 x 43 in

Weight, U.S.	800 (24 in) / 800ps (24 in): 85 lb 800 (42 in) / 800ps (42 in): 99 lb
What's in the box	
What's in the box	<p>800ps (42 in): HP Designjet printer, built-in HP Jetdirect 10/100 BASE-TX network card, printer stand, media bin, spindle, power cord, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD and PostScript® drivers for Windows, PostScript driver for Macintosh, ZEHRaster Plus for UNIX®, HP install network wizard, user documentation. (interface cables must be ordered separately).</p> <p>800 (42 in): HP Designjet printer, built-in HP Jetdirect 10/100 BASE-TX network card, printer stand, media bin, spindle, power cord, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD and PostScript® drivers for Windows, ZEHRaster Plus for UNIX®, HP install network wizard, user documentation. (interface cables must be ordered separately).</p> <p>800ps (24 in): HP Designjet printer, built-in HP Jetdirect 10/100 BASE-TX network card, spindle, power cord, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD and PostScript® drivers for Windows, PostScript driver for Macintosh, ZEHRaster Plus for UNIX®, HP install network wizard, user documentation. Printer stand and media bin must be ordered separately.</p> <p>800 (24 in): HP Designjet printer, built-in HP Jetdirect 10/100 BASE-TX network card, spindle, power cord, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD, ZEHRaster Plus for UNIX®, HP install network wizard, user documentation. Printer stand and media bin must be ordered separately.</p>

Model	Model differences
HP Designjet 800 Printer (24 in) (C7779B)	Base model (24 in.)
HP Designjet 800PS Printer (24 in) (C7779C)	Base model (24 in.) plus: <ul style="list-style-type: none"> • Adobe PostScript® 3 • 64 MB additional memory
HP Designjet 800 Printer (42 in) (C7780B)	Base model (42 in)
HP Designjet 800PS Printer (42 in) (C7780C)	Base model (42 in) plus: <ul style="list-style-type: none"> • Adobe PostScript® 3 • 64 MB additional memory