

# HP Designjet 4000 Printer series

## Technical specifications

<b>Print speed</b>	25 sec D/A1-size (1, 93 sqm/hour (2, 1000 sqft/hour (2, up to 100 D/A1-size prints per hour (2
<b>Resolution, maximum</b>	Up to 2400 x 1200 optimized dpi (4
Line accuracy	±0.1 percent (5
<b>Print margins</b>	
Top	0.45in/11.5mm (Normal); 2.1in/55mm (Extended)
Bottom	0.2in/5mm (Roll); 0.98in/25mm (Sheet Normal); 2.1in/55mm (Sheet Extended)
Side	0.2in/5mm (Normal); 0.6in/15mm (Extended)
<b>Memory</b>	256 MB (upgradeable to 512 MB), 40 GB hard disk
<b>Media</b>	
Handling	Manual single-sheet feed, manual roll feed, automatic cutter
Types	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film, canvas
Thickness (by paper path)	All paths: 0.0018 up to 0.0175 in/0.046 up to 0.450 mm
Weight (by paper path)	All paths: 0.11 up to 0.77 lb/50 up to 350 g/m2
Size	Sheets and rolls in sizes B, C, D, E and up to 42 in wide/A3, A2, A1, A0 and up to 1067 mm wide
<b>Printing</b>	
Technology	HP Thermal Inkjet
Technology resolution	HP Color Layering technology, PhotoREt III
Print cartridge colors	Black, cyan, magenta, yellow
Ink types	Black Pigmented, CMY dye-based
Ink drop	5.5 pl color, 15 pl black
<b>Connectivity</b>	
Interfaces Standard	Fast Ethernet (10/100 Mbps) (6, FireWire (IEEE-1394a compliant), 1 EIO slot
Interfaces Optional	HP Jetdirect 620n LAN card (7, HP Jetdirect 40d Gigabit Print Server for the HP Designjet 4000 Printer series (8, HP Designjet 4000 Printer series High speed USB 2.0 card
Drivers (included)	HP-GL/2, HP-RTL Windows drivers (NT 4.0 Workstation, NT 4.0 Server, ME, 98, 2000, XP, 2003), ADI driver for AutoCAD R14, support for AutoCAD 200x, Support for Citrix Metaframe environments.
	PS Windows drivers (8 (NT 4.0 Workstation, NT 4.0 Server, ME, 98, 2000, XP, 2003), PS Mac drivers (9 (OS 9.1, 9.2, 10.1, 10.2, 10.3)
<b>Print languages (standard)</b>	
HP Designjet 4000	HP-GL/2, HP-RTL, TIFF, JPEG, CALS-G4
HP Designjet 4000ps	Adobe® PostScript Level 3, Adobe® PDF 1.5, HP-GL/2, HP-RTL, TIFF, JPEG, CALS-G4
<b>Dimensions (w x d x h)</b>	
Maximum	76 x 31.5 x 53.2 in (1930 x 800 x 1350 mm)
Shipping	83.9 x 28 x 47.8 in (2130 x 710 x 1215 mm)
<b>Weight</b>	
Printer	253 lb (115 kg)
Shipping	387.8 lb (175.9 kg)
<b>What's in the box</b>	
HP Designjet 4000 Printer	HP Designjet 4000 Printer, Stand & Bin, Setup Poster, User's Documentation CD, software setup for Windows & Mac CD, Quick Reference Guide and Holder, Media sample, Maintenance Kit, Power Cord, 3-inch Spindle Adaptor, Printheads (8), Printhead Cleaners (8), Ink Cartridges (4), Customer Service Guide
HP Designjet 4000ps Printer	HP Designjet 4000ps Printer, Stand & Bin, Setup Poster, User's Documentation CD, software setup for Windows & Mac CD, Quick Reference Guide and holder, Media sample, Maintenance Kit, Power Cord, 3-inch Spindle Adaptor, Printheads (8), Printhead Cleaners (8), Ink Cartridges (4), Customer Service Guide, Taiwan PostScript Fonts (for Taiwan localization only).

(1) Mechanical printing time. Printed in Fast mode on HP Bright White Inkjet Paper (Bond). Speed indicated is maximum printer speed.

(2) Printed in Fast mode on HP Bright White Inkjet Paper (Bond). Speed indicated is maximum printer speed.

(3) Multicopy printing. Printed in Fast mode on HP Bright White Inkjet Paper (Bond). Speed indicated is maximum printer speed.

(4) From 1200 x 1200 input dpi.

(5) ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Matte Film.

(6) TCP/IP support only.

(7) TCP/IP, AppleTalk, DIC/LLC and IPX/SPX protocols.

(8) Only supported through the HP Designjet 4000ps Printer.

## Environmental ranges

Operating temperature	41 to 104° F/ 5 to 40° C
Recommended operating temperature	59 to 86° 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

## Acoustic

Sound pressure, active	53 dB(A)
Sound pressure, standby	39 dB(A)
Sound power, active	7.0 B(A)
Sound power, standby	5.7 B(A)

## Power consumption

Maximum	500 watts
Standby	105 watts

## Power requirements

Input voltage 100 to 127/220 to 240 VAC (+/- 10%) auto range,

6/3 amp maximum, 50/60 Hz (+/- 3 Hz)

## Power certification

Safety certification	Compliant with IEC 60950, including EU LVD and EN60950, CSA certified for US and Canada, Mexico NYCE, Argentina IRAM, Singapore PSB, Russia VNIIS, Poland EL TEST
Electromagnetic compatibility	Compliant with Class A requirements including EU (EMC Directive), USA (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoCo), Japan (VCCI), Korea (MIC), Taiwan (BSMI)
Energy Star compliant	Yes

## Warranty

One-year next-business-day on-site

## Accessories

HP Designjet Roll Feed Spindle 42 inch (Q5675A), HP Jetdirect 40d Gigabit Print Server for the Designjet 4000 Printer series (Q5679A), HP Designjet 4000 Printer series High Speed USB 2.0 card (Q5680A), HP Designjet 4000 Printer series 256 MB Memory Upgrade (Q5673A), HP Jetdirect 620n LAN card (J7934A)

## Service and support

Care packs	H7604A/E HP Installation Service (1 unit) H4518A/E HP Network Installation Service (1 unit) H5655A/E HP Next Business Day Onsite Hardware Support, 3 years H2815A/E HP 4 hour response 9x5 Onsite Hardware Support, 3 years H2816A/E HP 4 hour response 13x5 Onsite Hardware Support - onsite in 4 hours, 3 years H4608PA/PE HP Next Business Day Onsite Hardware Support, 1 year post warranty H4934PA/PE HP 4 hour response 9x5 Same-Day Onsite Hardware Support, 1 year post warranty H5730PA/PE HP 4 hour response 13x5 Onsite Hardware Support, 1 year post warranty
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## Ordering information

### Product number

Q1273A HP Designjet 4000 Printer  
Q1274A HP Designjet 4000ps Printer

### Accessories

Q5675A HP Designjet Roll Feed Spindle 42 inch  
Q5680A HP Designjet 4000 Printer series High Speed USB 2.0 card  
Q5673A HP Designjet 4000 Printer series 256 MB Memory Upgrade

### Network and software

Q5679A HP Jetdirect 40d Gigabit Print Server for the Designjet 4000 Printer series  
J7934A HP Jetdirect 620n LAN card

### Ink supplies

C5054A HP 90 Black Printhead and Cleaner  
C5055A HP 90 Cyan Printhead and Cleaner  
C5056A HP 90 Magenta Printhead and Cleaner  
C5057A HP 90 Yellow Printhead and Cleaner  
C5060A HP 90 Cyan Ink Cartridge, 225ml  
C5062A HP 90 Magenta Ink Cartridge, 225ml  
C5064A HP 90 Yellow Ink Cartridge, 225ml  
C5058A HP 90 Black Ink Cartridge, 400ml  
C5061A HP 90 Cyan Ink Cartridge, 400ml  
C5063A HP 90 Magenta Ink Cartridge, 400ml  
C5065A HP 90 Yellow Ink Cartridge, 400ml  
C5082A HP 90 Black Ink Cartridges, 400ml, 3-Ink Multipack  
C5083A HP 90 Cyan Ink Cartridges, 400ml, 3-Ink Multipack  
C5084A HP 90 Magenta Ink Cartridges, 400ml, 3-Ink Multipack  
C5085A HP 90 Yellow Ink Cartridges, 400ml, 3-Ink Multipack  
C5078A HP 90 Black Printhead/Cleaner & Ink Cartridge, 400ml, Value Pack  
C5079A HP 90 Cyan Printhead/Cleaner & Ink Cartridge, 400ml, Value Pack  
C5080A HP 90 Magenta PH/Cleaner & Ink Cartridge, 400ml, Value Pack  
C5081A HP 90 Yellow Printhead/Cleaner & Ink Cartridge, 400ml, Value Pack

### Media

Q1397A HP Universal Inkjet Bond Paper (150 ft x 36 in)(45.7 m x 914 mm)  
C1861A HP Bright White Inkjet Bond Paper (150 ft x 36 in)(45.7 m x 914 mm)(NA and LAR only)  
C6036A HP Bright White Inkjet Bond Paper (150 ft x 36 in)(45.7 m x 914 mm)(AP and EMEA only)  
C6020B HP Coated Paper (150 ft x 36 in)(45.7 m x 914 mm)  
C6030C HP Heavyweight Coated Paper (100 ft x 36 in)(30.5 m x 914 mm)  
C3868A HP Natural Tracing Paper (150 ft x 36 in)(45.7 m x 914 mm)  
C3859A HP Translucent Bond (150 ft x 36 in)(45.7 m x 914 mm)  
C3861A HP Vellum (150 ft x 36 in)(45.7 m x 914 mm)  
C3875A HP Clear Film (75 ft x 36 in)(22.9 m x 914 mm)(NA, LAR, EMEA, AP only)  
51642B HP Matte Film (125 ft x 36 in)(38.1 m x 914 mm)  
Q1427A HP Universal High-Gloss Photo Paper (100 ft x 36 in)(30.5 m x 914 mm)  
Q1938A HP Productivity Photo Gloss (100 ft x 36 in)(30.5 m x 610 mm)(NA, EMEA, AP only)  
Q1943A HP Productivity Photo Semi-Gloss (100 ft x 36 in)(30.5 m x 1067 mm)(NA, EMEA, AP only)  
C7946A HP Photo Paper RC Matte (100 ft x 36 in) (30.5 m x 914 mm)(NA, EMEA, AP (excluding JP) only)  
C7952A HP Proofing Paper RC Satin (75 ft x 36 in) (22.9 m x 914 mm) (NA, EMEA, AP (excluding JP) only)  
Q1421A HP Universal Semi-gloss Photo Paper (100 ft x 36 in) (30.5 m x 914 mm)

A complete list of supplies for the HP Designjet 4000 Printer series is available at [www.hp.com/go/supplies](http://www.hp.com/go/supplies)

For more information visit our website at  
[www.hp.com/go/designjet4000](http://www.hp.com/go/designjet4000)

