

HP Designjet 4000 Printer series



Get high speed printing – with rich, high quality colour images and crisp, sharp black-and-white lines – at up to 100 A1 sheets per hour¹. Print up to 1067 mm wide and keep your operational costs under control with easy remote printer management.



HP Designjet 4000 Printer



HP Designjet 4000ps
Printer

For medium-sized and corporate companies – typically in the AEC, MCAD or GIS sectors or the graphics, prepress or publishing industries – with medium to high volume print requirements, who need to be able to increase print speeds – or capacity – as cost effectively as possible, without compromising on quality of output.

Print twice as fast as traditional large format printers², in both colour and black-and-white.

Print at up to 100 x A1 per hour² with HP Double Swath Technology: two long-life printheads per colour – with 524 nozzles each – deliver twice the performance of traditional large format printers³.

Experience fast, simultaneous processing and printing with embedded processor – 256 MB of memory expandable to 512 MB. Save time with driverless multi-file printing workflow; formats supported include TIFF, JPEG, CALS, Adobe® PostScript® Level 3 and Adobe® PDF 1.5⁴.

Produce superb quality outputs with rich, powerful colour and outstanding line accuracy.

Produce high quality outputs – in colour and black-and-white – at up to 2400 x 1200 dpi resolution and up to $\pm 0.1\%$ line accuracy. Be sure of excellent colour consistency and screen-to-print matching with HP Professional Colour Technologies, including enhanced sRGB and AdobeRGB, Closed Loop Colour (CLC), TIFF and JPEG with embedded ICC profiles.

Output on a wide range of media types up to 1067 mm wide; holds rolls up to 91 m and includes bin for up to 50 A0-size prints.

Keep the running costs under control with easy remote management and ensure maximum uptime

Keep costs under control with efficient print engine, choice of cartridge sizes and long lasting, replaceable printheads.

Monitor supplies status and ensure consistent print quality and reliability with HP Smart Printing Technology⁵.

Enjoy easy and effective remote printer management via HP Embedded Web Server; reset priorities, reprint stored jobs, preview jobs, monitor ink and media consumption.

Configure, monitor and troubleshoot via intuitive, browser-based HP Web Jetadmin Software.

¹ Multi-copy printing

Printed in Fast mode on HP Bright White Inkjet Paper (Bond)

Speed indicated is maximum printer speed.

² Multi-copy printing

Printed in Fast mode on HP Bright White Inkjet Paper (Bond)

Speed indicated is maximum printer speed

³ Compared to any HP Designjet 600/700/800/1000 Printer series

⁴ Only HP Designjet 4000ps supports Adobe® PostScript® Level 3 and Adobe® PDF 1.5

⁵ Using genuine HP supplies ensures availability of all HP printing features.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	524
Print quality	Up to 2400 x 1200 optimized dpi and 1200 x 1200 input dpi
Colour technology	HP Colour Layering Technology, PhotoREt III
Number of inks	4 cartridges (1 each black, cyan, magenta, yellow)
Ink types	Black pigmented, CMY dye based
Print speed	Photo quality: 6.9 m ² /hr
Line	Line accuracy: +/- 0.1%
Print languages	4000: HP-GL/2, HP-RTL, TIFF, JPEG, CALS-G4; 4000ps: Adobe® PostScript® Level 3, Adobe® PDF 1.5, HP-GL/2, HP-RTL, TIFF, JPEG, CALS-G4
Memory	Standard: 256 MB (main memory); maximum: 512 MB; upgradability: Expandable to 512 MB through a 256 MB Designjet qualified DIMM. Hard disk: 40 GB
Media types	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film, canvas
Media sizes	Standard: A3, A2, A1, A0 (sheets and rolls up to 1067 mm wide)
Maximum media length	Roll: Up to 90 m
Maximum media width	1067 mm
Maximum print length	90 m (application dependent)
Recommended media weight	75 to 242 g/m ²
Media handling	Manual single sheetfed, manual roll feed, automatic cutter
Interface and connectivity	Standard: Fast Ethernet (10/100 Mbps), FireWire (IEEE-1394a compliant), 1 EIO slot. Optional: HP Jetdirect 620n LAN Card, HP Jetdirect 630n LAN Card, HP Jetdirect 40d Gigabit Print Server for the HP Designjet 4000 Printer series, HP Designjet 4000 Printer series Hi-Speed USB 2.0 card (compatible with USB 2.0 specifications)
Control panel	Monochrome, illuminated and graphical LCD display area; 2 LEDs: Power, Status; 8 keys: Power, Reset, Form Feed and Cut, Cancel, Up, Down, Back, Select; 1 basic On/Off buzzer
Printer management	HP Embedded Web Server
Drivers included	HP-GL/2, HP-RTL Windows® drivers, PS Windows drivers, ADI driver for AutoCAD R14, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS 9.1, 9.2, 10.1, 10.2, 10.3
Software	HP Designjet Windows Software, HP Designjet Macintosh Software
Operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional, Server 2003; Mac OS 9.1 and 9.2; Mac OS X v 10.1, 10.2 and 10.3. Optional: Novell™ NetWare and AppleTalk (not OS) available through Jetdirect. Latest driver upgrade information available on http://www.designjet.hp.com
Network operating systems compatibility	Microsoft® Windows® 2000, XP, Server 2003, Mac OS 9.1, 9.2, 10.1, 10.2, 10.3. Citrix MetaFrame
Minimum system requirements	Microsoft® Windows® 2000, 2003 Server: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Windows XP: Pentium III, 733 MHz, 128 MB RAM, 400 MB available hard disk space. iMac G3, G4, G5 dual processor, iBook, PowerBook, eMac; Mac OS 9.1, OS X v 10.1.5, 128 MB RAM, 256 MB available hard disk space
Recommended system requirements	Microsoft® Windows® 2000, 2003 Server: Pentium III, 733 MHz, 256 MB RAM, 2 GB available hard disk space; Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space. Mac OS 9 v 9.2, Mac OS X v 10.1.5, 10.2.2 and higher 10.3, 1 GHz PowerPC G4, 256 MB, 512 MB available hard disk space
Power	Requirements: Input voltage 100 to 127/220 to 240 VAC (+/- 10%) auto range, 6/3 amp maximum, 50/60 Hz (+/- 3 Hz). Supply: Built-in universal power supply. Consumption: 500 watts maximum
Dimensions (w x d x h)	Out of package: 1930 x 800 x 1350 mm. Packaged: 2130 x 710 x 1215 mm
Weight	Out of package: 115 kg. Packaged: 175.9 kg
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 30° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 25 to 75% RH. Storage temperature: -20 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 7 B(A). Sound pressure: LpAm 53 dB(A)
Certifications	Safety: 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. EMC certifications: Compliant with Class A requirements including EU (EMC Directive), US (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Korea (MIC), Taiwan (BSMI)
Warranty	Two-years next business-day on-site

Ordering information

Q1273A HP Designjet 4000 Printer, printer stand and bin, printheads (x8), printhead cleaners (x8), ink cartridges (x4), HP coated media sample, documentation and drivers CD, user maintenance kit, spindle adapter kit, Quick Reference Guide, setup poster, Customer Service Guide, power cord

Q1274A

HP Designjet 4000ps Printer

Accessories

Q5675A HP Designjet Roll Feed Spindle 42"

Q5673A HP Designjet 256 MB Memory Upgrade

Q5679A HP Jetdirect 40d Gigabit Print Server for the HP Designjet 4000 series

Q5680A HP Designjet High Speed USB 2.0 Card

Ink supplies

C5054A HP 90 Black Printhead and Printhead Cleaner

C5055A HP 90 Cyan Printhead and Printhead Cleaner

C5056A HP 90 Magenta Printhead and Printhead Cleaner

C5057A HP 90 Yellow Printhead and Printhead Cleaner

C5058A HP 90 400 ml Black Ink Cartridge

C5060A HP 90 225 ml Cyan Ink Cartridge

C5061A HP 90 400 ml Cyan Ink Cartridge

C5062A HP 90 225 ml Magenta Ink Cartridge

C5063A HP 90 400 ml Magenta Ink Cartridge

C5064A HP 90 225 ml Yellow Ink Cartridge

C5065A HP 90 400 ml Yellow Ink Cartridge

Service & support

H4518A/E Installation

H5655A/E HP Care Pack, next day on-site, 3 years

H2816A/E HP Care Pack, same day on-site, 3 years

H4608PA/PE HP Care Pack, post warranty, next day on-site, 1 year

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com/go/designjet>

<http://www.hp.com/uk> <http://www.hp.com/go/designjet>



Published in EMEA 12/07 5982-7864EEE
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