

HP Designjet 4020 Printer series



Meet your deadlines and grow your business with a robust HP Designjet printer which is easy to use and manage, has a large capacity for unattended printing, and you can count on it to deliver fast, high quality, cost-effective output.



HP Designjet 4020
42-in Printer



HP Designjet 4020ps
42-in Printer

Designed specifically for large departments in Enterprise and Public Sector environments or reprographic houses that print nonstop and need to produce high quality, low-cost large-format drawings, graphics, maps, presentations, renders and posters.

Meet your targets and your deadlines with high-speed, low-cost, large format printing.

Double your print capacity and maximise productivity: HP Double Swath technology delivers twice the performance¹. Easily store large files with 160 GB hard disk and process complex files with a maximum 1120 MB of memory². Enjoy greater cost efficiency with free HP support, reliable HP supplies that deliver better value and finishing options that save time and money. Count on this printer to perform unattended printing with large 775-ml black, 400-ml colour Original HP ink cartridges.

Increase your selling potential by delivering outstanding prints at competitive prices.

Enable productivity with the free HP Instant Printing Utility for fast preview and single-click batch printing of HP-GL/2, PDF and PPT files. Remotely manage printer, ink, and media usage with the embedded Web server. Turn your printer into a workflow management system with SCP reprocontrol for HP³. Produce outstanding results with up to 2400 x 1200 dpi and 0.1% line accuracy, patented HP inks and HP Professional Color Technologies. Choose from a broad portfolio of over 35 Original HP media.

Experience peace of mind with efficient sharing, enhanced security, and advanced management.

Share this HP Designjet among authorised workgroups thanks to built-in Gigabit Ethernet networking and optional Jetdirect support for secure IPSEC and IPv6⁴. The embedded Web server secures your printing environment through advanced access control. Manage your fleet of devices, and costs with HP Web Jetadmin which help, control colour costs, secure devices, and streamline supplies management. Experience true peace of mind with an HP printer and HP printing supplies you know you can trust.

¹ In colour and black and white, compared to any HP Designjet 600/700/800/1000 series printer

² Maximum memory includes 608 MB RAM plus 512 MB accessory

³ SCP Reprocontrol Production Software for HP is an optional feature; not included, sold separately

⁴ IPSEC and IPv6 support requires the purchase of the HP Jetdirect 630n or HP Jetdirect 635n.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	524
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 dpi input on glossy media
Number of inks	Black, cyan, magenta, yellow
Ink types	Dye-based (C, M, Y), pigment-based (K)
Ink drop size	5 pl (C, M, Y); 15 pl (K)
Print speed	Economic quality: 31.6 m ² /hr (coated), A1 colour line drawing: 25 sec/page (plain), 100 A1 prints per hour (plain, draft). 3.3 min/page, A1 (coated), 3.9 min/page, A1 (glossy)
Line	Line accuracy: +/- 0.1%. Minimum width: 0.02 mm
Print languages	DJ4020 1067 mm: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; DJ4020ps 1067 mm: Adobe® PostScript® 3; Adobe PDF 1.5; TIFF; JPEG; HP-GL/2; HP-RTL; CALS G4
Memory	Standard: 608 MB; Maximum: 1120 MB; Upgradability: Expandable to 1120 MB through a 512 MB Designjet qualified DIMM. Hard disk: Standard, 160 GB.
Print margins (mm)	Roll top: 5 mm; bottom: 5 mm; left: 5 mm; right: 5 mm Sheet Roll: 5 mm; Sheet: 11.5 mm (top), 5 mm (right), 5 mm (left), 25 mm (bottom)
Media types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), proofing paper (semi-gloss, semi-gloss contract), self-adhesive (indoor paper, polypropylene, vinyl), banner and sign material (banners, outdoor paper, blue back billboard paper), fine art printing material (aquarella art paper, canvass paper)
Media sizes	Standard: A3, A2, A1, A0. Roll widths: up to 1067 mm; Roll lengths: up to 91.4 m
Maximum media length	Roll: 91.4 m
Maximum media width	1067 mm
Maximum print length	91 m (operating system and application dependent)
Media thickness	Up to 0.4 mm
Recommended media weight	50 to 350 g/m ²
Roll	Maximum diameter: 135 mm
Media handling	Manual single-sheet feed, manual roll feed, automatic cutter
Interface and connectivity	Standard: Gigabit Ethernet (1000Base-T), FireWire (IEEE-1394a compliant), EIO Jetdirect accessory slot. Optional: HP Jetdirect print servers
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	DJ4020 1067 mm: HP-GL/2, HP-RTL drivers for Windows®, HP PCL 3 GUI driver for Mac OS X, support for Citrix® XenApp and Citrix® XenServer environments; DJ4020ps 1067 mm: HP-GL/2, HP-RTL, PostScript® drivers for Windows®; HP PCL 3 GUI, PostScript® drivers for Mac OS X; support for Citrix® XenApp and Citrix® XenServer environments
Software	HP Designjet Windows® drivers, HP Designjet Mac drivers, ICC profiles
Operating systems compatibility	Windows Vista® (32/64-bit), Microsoft® Windows® Server 2008 (32/64-bit), XP Home and Professional (32/64-bit), Server 2003 (32/64 bit), Mac OS X v10.4.x, v10.5, Linux
Minimum system requirements	Microsoft® Windows®, Linux: Intel® Pentium® 4 (1 GHz), 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.4 or higher: PowerPC G3 or Intel® Core Processor, 512 MB RAM, 1 GB available hard disk space
Recommended system requirements	Microsoft® Windows®, Linux: Intel® Pentium® 4 (1 GHz), 1 GB RAM, 2 GB available hard disk space. Mac OS X v10.4 or higher: PowerPC G4, G5, or Intel® Core Processor, 1 GB RAM, 2 GB available hard disk space
Power	Requirements: Input voltage (auto ranging) 100 to 127 VAC (+/- 10%), 6 A; 220 to 240 VAC (+/- 10%), 3 A; 50/60 Hz (+/- 3 Hz). Supply: Built-in universal power supply. Consumption: 500 watts maximum (active), 63 watts maximum (powersave), less than 1 watt maximum (off)
Dimensions (w x d x h)	Out of package: 1930 x 800 x 1350 mm. Packaged: 2130 x 780 x 1240 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) (active/printing), 5.7 B(A) (standby). Sound pressure: LpAm 53 dB(A) (active/printing), 38 dB(A)
Certifications	Safety: EU (LVD and EN60950-1 compliant), Russia (GOST). EMC certifications: Compliance for Class A ITE products: EU (EMC Directive)
Warranty	Two-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

CM765A Printer, printer stand and bin, printheads (x 8), printhead cleaners (x 8), introductory ink cartridges, user maintenance kit, quick reference guide, setup poster, documentation and drivers software, power cord
CM766A HP Designjet 4020ps 1067 mm Printer with embedded Adobe PostScript

Accessories

CN088A Serif PosterDesigner Software Pro for HP Designjet Printers
CM973A HP Designjet 512 MB Memory Upgrade
Q5680A HP Designjet High Speed USB 2.0 Card
J7961G HP Jetdirect 635n IPv6/IPsec Print Server
CM770A HP Designjet 4520 Scanner
CN455A SCP reprocontrol for HP (2 printers)

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
C5059A HP 90 775-ml Black Ink Cartridge
C5061A HP 90 400-ml Cyan Ink Cartridge
C5063A HP 90 400-ml Magenta Ink Cartridge
C5065A HP 90 400-ml Yellow Ink Cartridge

Media supplies

CG891A HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)
Q8751A HP Universal Inkjet Bond Paper-914 mm x 175 m (36 in x 574 ft)
CG885A HP Cockle-free Coated Paper-1067 mm x 45.7 m (42 in x 150 ft)
C3868A HP Natural Tracing Paper-914 mm x 45.7 m (36 in x 150 ft)

Service & support

UN412E HP Care Pack, Next Business Day Hardware Support, 3 years
UN411E HP Care Pack, Next Business Day Hardware Support, 4 years
UN410E HP Care Pack, Next Business Day Hardware Support, 5 years
UN405E HP Care Pack, 4 Hour Response Time 13x5 Same Day On-site Hardware Support, 3 years
UN406PE HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year
UN400PE HP Care Pack, Post Warranty 4 hour 13x5 Same Day On-site Hardware Support, 1 year
H7604E Standard Installation
H4518E Network Installation

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

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



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