

# HP Designjet 4520 Printer series



Leider steht vorderhand das Datenblatt für den neuen Designjet 4520 nur in englischer Sprache zur Verfügung.

Achieve greater productivity, better cost control and excellent quality with the HP Designjet 4520 Printer Series. Large input and output capacity enables unattended printing and you can produce professional quality output at more competitive prices.



HP Designjet 4520  
42-in Printer



HP Designjet 4520ps  
42-in Printer

**Designed for large departments in Enterprise and Public Sector environments or reprographic houses that print nonstop in centralised production environments, who need unattended printing of high-quality large-format output.**

**Increase your capacity and productivity with unattended colour production and low cost operation.**

Take advantage of unattended colour printing with two long media rolls up to 175 metres, fast automatic roll switching and reliable HP ink cartridges. Maximise productivity with HP Double Swath technology which delivers twice the performance<sup>1</sup>. Experience fast, simultaneous processing and printing thanks to In-printer processing, which also provides HP-GL/2, PDF and PS<sup>2</sup> support. Easily store large files with 160 GB Hard Disk Drive and process complex files with 1120 MB of memory<sup>3</sup>.

**Grow your business by creating outstanding prints at competitive prices.**

Be more productive with the free HP Instant Printing Utility which enables fast preview and single-click batch printing. Remotely manage printer, ink and media usage with the embedded Web server. Create a print workflow management system with optional stacker and SCP reprocontrol for HP<sup>4</sup>. Produce excellent images with patented HP inks, printheads enabling 0.1% line accuracy, and HP Professional Color technologies. Expand your business with high performance copy and scan capabilities<sup>5</sup>.

**Experience easy and reliable integration, efficient sharing and enhanced security.**

Share this HP Designjet among authorised workgroups thanks to built-in Gigabit Ethernet networking and optional Jetdirect support for secure IPSEC and IPv6<sup>6</sup>. The embedded Web server secures your printing environment through advanced access control. Manage your printer or fleet of devices with HP Web Jetadmin which helps you control color costs, secure devices and streamline supplies management. Enjoy peace of mind with a printer from HP, a market leader with years of experience and expertise.

<sup>1</sup> Compared to any HP Designjet 600/700/800/1000 series printer

<sup>2</sup> Postscript support (in English only) available on the HP Designjet 4520ps Printer and HP Designjet 4520 HD-MFP only

<sup>3</sup> Maximum memory includes 608 MB RAM plus 512 MB accessory

<sup>4</sup> SCP Reprocontrol Production Software for HP is an optional feature; not included, sold separately

<sup>5</sup> The HP Designjet 4520 scanner comes standard on the HP Designjet 4520 HD-MFP

It is an optional (not included, sold separately) accessory on the HP Designjet 4520 Printer and HP Designjet 4520ps Printer

<sup>6</sup> IPSEC and IPv6 support requires the purchase of the HP Jetdirect 630n or HP Jetdirect 635n.

## Technical specifications

<b>Print technology</b>	HP Thermal Inkjet
<b>Printhead nozzles</b>	524
<b>Print resolution</b>	Up to 2400 x 1200 optimised dpi from 1200 x 1200 dpi input on glossy media
<b>Number of inks</b>	Black, cyan, magenta, yellow
<b>Ink types</b>	Dye-based (C, M, Y), pigment-based (K)
<b>Ink drop size</b>	5 pl (C, M, Y), 15 pl (K)
<b>Print speed</b>	Economic quality: 31.6 m <sup>2</sup> /hr (draft, coated, colour image), 25 sec/A1 page (draft, plain, colour line drawing), 100 A1 prints per hour (draft, plain, colour line drawing). 3.3 min/page, A1 (coated), 3.9 min/page, A1 (glossy)
<b>Line</b>	Line accuracy: +/- 0.1%. Minimum width: 0.02 mm
<b>Print languages</b>	DJ4520 1067 mm: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; DJ4520ps 1067 mm: Adobe® PostScript® 3, Adobe® PDF 1.5, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4
<b>Memory</b>	Standard: 608 MB; Maximum: 1120 MB; Upgradability: Expandable to 1120 MB through a 512 MB Designjet qualified DIMM. Hard disk: Standard, 160 GB.
<b>Print margins (mm)</b>	<b>Roll</b> top: 5 mm; bottom: 5 mm; left: 5 mm; right: 5 mm <b>Sheet</b> 5 mm (top), 5 mm (right), 5 mm (left), 5 mm (bottom)
<b>Media types</b>	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 (outdoor paper, blue back billboard paper)
<b>Media sizes</b>	Rolls up to 1067 mm width
<b>Maximum media length</b>	Roll: 175 m
<b>Maximum media width</b>	1067 mm
<b>Maximum print length</b>	175 m (operating system and application dependent)
<b>Media thickness</b>	Up to 0.4 mm
<b>Recommended media weight</b>	50 to 328 g/m <sup>2</sup>
<b>Roll</b>	Maximum diameter: 180 mm
<b>Media handling</b>	Two automatic roll feeds, automatic roll switching, automatic cutter, optional stacker
<b>Interface and connectivity</b>	Standard: Gigabit Ethernet (1000Base-T) port, FireWire (IEEE-1394a compliant), EIO Jetdirect accessory slot. Optional: HP Jetdirect print servers
<b>Control panel</b>	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
<b>Printer management</b>	HP Embedded Web Server
<b>Drivers included</b>	DJ4520 1067 mm: HP-GL/2, HP-RTL Windows® drivers, support for Citrix® XenApp and Citrix® XenServer environments, HP PCL 3 GUI driver for Mac OS X; DJ4520ps 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
<b>Software</b>	HP Designjet Windows® drivers, HP Designjet Mac drivers, ICC profiles
<b>Operating systems compatibility</b>	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, v10.5
<b>Network operating systems compatibility</b>	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, v10.5, Linux
<b>Minimum system requirements</b>	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
<b>Recommended system requirements</b>	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
<b>Power</b>	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: Internal: built-in universal power supply. Consumption: 500 watts maximum (active), 105 watts maximum (standby), 63 watts maximum (powersave), less than 1 watt maximum (off)
<b>Dimensions (w x d x h)</b>	Out of package: 1930 x 800 x 1350 mm
<b>Weight</b>	Out of package: 185 kg. Packaged: Printer: 227.3 kg; Multiroll: 36 kg
<b>Operating environment</b>	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), 5.7 B(A) (standby). Sound pressure: LpAm 53 dB(A) (active), 38 dB(A) (standby)
<b>Certifications</b>	Safety: EU (LVD and EN60950-1 compliant), Russia (GOST). EMC certifications: Compliance for Class A ITE products: EU (EMC Directive)
<b>Warranty</b>	Two-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

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



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## Ordering information

**CM767A** Printer, printer stand and bin, printheads (x 8), printhead cleaners (x 8), introductory ink cartridges, roll module, user maintenance kit, quick reference guide, setup poster, documentation and drivers software, power cord  
**CM768A** HP Designjet 4520ps 1067 mm Printer with embedded Adobe PostScript

### Accessories

**CN088A** Serif PosterDesigner Software Pro for HP Designjet Printers  
**Q5677A** HP Designjet 4500 220V Stacker  
**CM973A** HP Designjet 512 MB Memory Upgrade  
**Q5680A** HP Designjet High Speed USB 2.0 Card  
**J7916G** 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

**UN397E** HP Care Pack, Next Business Day Hardware Support, 3 years  
**UN396E** HP Care Pack, Next Business Day Hardware Support, 4 years  
**UN395E** HP Care Pack, Next Business Day Hardware Support, 5 years  
**UN390E** HP Care Pack, 4 Hour Response Time 13x5 Same Day On-site Hardware Support, 3 years  
**UN391PE** HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year  
**UN385PE** 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>

