

## Technical specifications

Print technology	HP Thermal Inkjet	
Print quality	Up to 1200 x 600 dpi	
Colour technology	HP Color Layering Technology	
Number of inks	4 (Black, Cyan, Magenta, Yellow)	
Ink types	Black: HP pigment ink; Cyan, Magenta, Yellow: HP dye-based ink	
Print speed	Economic quality: 7.9 m <sup>2</sup> /h. Productivity quality: 3.3 m <sup>2</sup> /h. Photo quality: 2 m <sup>2</sup> /h	
Line	Line accuracy: ± 0.2%. Minimum width: 0.0423 mm	
Print languages	500 Plus: HP-GL/2, HP-PCL3-GUI; 500ps Plus: Adobe® PostScript® 3™ (using supplied EFI Designer Edition XL software RIP), HP-GL/2, HP-PCL3-GUI;	
Memory	Standard: 32 MB; Maximum: 128 MB	
Print margins (mm)	<b>Roll</b>	<b>Sheet</b>
	top: 5 mm (with HP-GL/2 driver)	17 mm
	bottom: 5 mm (with HP-GL/2 driver)	17 mm
	left: 5 mm	5 mm
	right: 5 mm	5 mm
Media types	Paper (plain, inkjet, coated, heavyweight coated, high-gloss, semi-gloss, natural tracing, photo), Clear film, Matte film	
Media sizes	Standard: 500 Plus, 500ps Plus (24 in): ISO A1, ISO A2, ISO A3, ISO A4; 500 Plus, 500ps Plus (42 in): ISO A0, ISO A1, ISO A2, ISO A3, ISO A4. Custom: 500 Plus, 500ps Plus (24 in): 210 x 210 to 610 x 15240 mm; 500 Plus, 500ps Plus (42 in): 210 x 210 to 1067 x 15240 mm	
Maximum media length	Roll: 45.7 m. Sheet: 1897 mm	
Maximum media width	500 Plus, 500ps Plus (24 in): 610 mm; 500 Plus, 500ps Plus (42 in): 1067 mm	
Media handling	Single sheet feed, roll feed, automatic cutter	
Interface and connectivity	Standard: Centronics parallel, IEEE-1284-compliant (ECP), USB (compatible with USB 2.0 specifications) Microsoft® Windows® 98 SE, Me, 2000, XP and OS X v.10.2.3 and higher. Optional: HP Jetdirect 620n (EIO) Internal Print Server	
Control panel	Front LCD, 5 front-panel buttons	
Drivers included	Microsoft® Windows® (95, NT® 4.0) without USB, Microsoft® Windows® (98, 2000, XP) with USB, drivers for Macintosh (OS X v.10.2.3 or higher)	
Software	HP Designjet software for Windows and Macintosh, EFI Designer Edition XL RIP for HP Designjet 500ps Plus Printer (available only with 500ps Plus models)	
Operating systems compatibility	Microsoft® Windows® 95, 98, NT 4.0, 2000, XP; Mac OS X v.10.2.3 and higher; ZehRaster for UNIX	
Minimum system requirements	Microsoft® Windows® 95, 98, NT® 4.0 or 2000, 32 MB RAM, 500 MB free on hard disk, Mac OS X v.10.2.3 or higher	
Recommended system requirements	Microsoft® Windows® 95, 98, Me: Pentium® I, 133 MHz, 64 MB RAM, 320 MB available hard disk space; Microsoft® Windows® NT® 4.0: Pentium® II, 733 MHz, 128 MB RAM, 2 GB available hard disk space; Microsoft® Windows® 2000, 2003 Server: Pentium® II, 733 MHz, 256 MB RAM, 2 GB available hard disk space; Microsoft® Windows® XP: Pentium® IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space	
Power	Requirements: 100 to 240 AC (+/- 10%) auto-ranging, 50/60 Hz, 3 amps maximum. Consumption: 150 watts maximum	
Dimensions (w x d x h)	Out of package: 42" model: 1690 x 674 x 1100 mm; 24" model: 1253 x 470 x 349 mm	
Weight	Out of package: 42" model: 45 kg; 24" model: 38.5 kg	
Operating environment	Operating temperature: 15 to 35° C. Recommended operating temperature: 5 to 40° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 15 to 80% RH. Storage temperature: -40 to 60° C. Noise level per ISO 9296: sound power: LwAd 65 dB(A). Sound pressure: LpAm 52 dB(A)	
Certifications	Safety: Compliant with the requirements for ITE products: EU Low Voltage Directive, USA and Canada CSACertified for US & Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCIB & CCEE, Singapore PSB, Russia GOST, Poland PCBC.. EMC certifications: Compliant with the requirements for Class B ITE products (Class A when connected to LAN cables): EU EMC Directive, USA FCC rules, Canada DOC, Australia ACA, New Zealand MoC, China CCIB, Class A for Korea MIC, Taiwan BSMI	
Warranty	One-year next business day on-site response	

## Ordering information

C7769F HP Designjet 500 Plus (24-inch) Printer, spindle, power cord, ink cartridges, printheads, integrated HP-GL/2 card, drivers for Microsoft Windows (including AutoCAD), user documentation.

C7769G HP Designjet 500ps Plus (24-inch) Printer as C7769F plus EFI Designer Edition XL software RIP for Macintosh and Microsoft® Windows®

C7770F HP Designjet 500 Plus (42-inch) Printer as C7769F plus printer stand, media bin

C7770G HP Designjet 500ps Plus (42-inch) Printer as C7769F plus EFI Designer Edition XL software RIP for Macintosh and Microsoft® Windows®, printer stand, media bin

### Accessories

C2387A HP DesignJet SIMM 64MB Memory Module

C2388A HP DesignJet SIMM 128MB Memory Module

C2389A HP 24-inch Spindle

C2390A HP 42-inch Spindle

### Ink supplies

C4844AE HP 10 Black Ink Cartridge

C4911A HP 82 69 ml Cyan Ink Cartridge

C4912A HP 82 69 ml Magenta Ink Cartridge

C4913A HP 82 69 ml Yellow Ink Cartridge

C4810A HP 11 Black Printhead

C4811A HP 11 Cyan Printhead

C4812A HP 11 Magenta Printhead

C4813A HP 11 Yellow Printhead

### Service & support

H5652A/E HP Care Pack, Next Business Day On Site, Response, 3 years

H5652A/E HP Care Pack, Next Business Day On Site, Response, 3 years

H4610PA/PE HP Care Pack, Post Warranty, Next Business Day On Site, 1 year

H3642E HP Care Pack, Next Business Day On Site, 4 years

H3643E HP Care Pack, Next Business Day On Site, 5 years

H4518A/E Installation & Network Configuration for 1 Network HP Designjet

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

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



Graphic Arts Solutions  
WITH BEST TECHNOLOGY



©2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP Products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Published in EMEA 03/07 4AA0-4398EEE