HP Designjet 5500 Printer series

The high productivity solution to your large format printing needs, delivering true production speed, exceptional colour photo-quality images and reliable performance, with the added bonus of simplified workflow and increasing unattended operation.

HP Designjet 5500 1067 mm Printer

HP Designjet 5500ps 1067 mm Printer

HP Designjet 5500 1524 mm Printer

HP's Designjet 5500 series is designed specifically to meet the exact standards of print service providers, graphics specialists and GIS imaging professionals who require exceptional image quality and reliable productivity.

Exceptional productivity and high speed you can rely on to produce outstanding large format prints.
New production print modes mean higher speed: 9.29 sq m/hr output for glossy, 17.56 sq m/hr for coated media, printing at 51.6 sq m/hr in maximum speed mode. Unrivalled data transmission speeds (4.5 MB/s) via a powerful HP Jetdirect 620 print server card. High capacity (680 cc) ink cartridges and long-lasting printheads reduces user intervention and cost of ownership. HP Jetexpress printheads are extra wide for faster speed, with embedded digital logic for superior nozzle monitoring.

Get bright, breathtaking and colour-rich photo images every time you print.
Superb quality from six ink HP Colour Layering technology and 1200 dpi writing system provides a wide colour gamut, smooth transitions and continuous tones. Automatic closed-loop colour calibration gives colour consistency, print after print. Pantone® colour matching for printing Pantone spot or process colours directly from your application[1]. Offset-printing press emulations (Euroscale, SWOP, DIC, TOYO, JMPA)[1] and ICC profiles for Macintosh® and Windows®.

Experience intelligent printing solutions for simplified workflow and greater unattended operation.
Get easier connectivity in multi-platform environments (UNIX, Linux, Mac OS®, Windows®) from a new Web-file submitter that makes direct PDF and TIFF printing possible. Supports up to 7 internal printer languages: Adobe® PDF 1.3, PS 3(2), TIFF, JPEG, CALS/G4, HP RTL, HP GL2. No resending time for large files which can be stored on the 40 GB hard disk using the Web-file submitter. Remote access to configurable printer alerts, job management, printer status, ink and media usage information.

[1] HP Designjet 5500ps only.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	524
Print quality	Up to 1200 x 600 dpi
Number of inks	Black, cyan, magenta, yellow, light cyan, light magenta
Print speed	Economic quality: 52.8 m²/hr (coated), 13.7 m²/hr (glossy). Productivity quality: 9.29 m²/hr (coated); 7.06 m²/hr (glossy). Photo quality: 9.3 m²/hr (coated); 5.6 m²/hr (glossy). *Dye-based ink system on coated paper. UV ink times on heavyweight coated paper are similar.
Line	Line accuracy: +/- 0.02 %. Minimum width: 0.08 mm
Print languages	TIFF, JPEG, CALS, HP GL/2, HP RTL5500 (42 in): TIFF, JPEG, CALS, HP GL/2, HP RTL; 5500ps (42 in): Adobe® PDF 1.3, Adobe® PostScript® 3TM, TIFF, JPEG, CALS, HP GL/2, HP RTL; 5500 (60 in): TIFF, JPEG, CALS, HP GL/2, HP RTL
Memory	Standard: 5500 (42 in): 128 MB; 5500ps (42 in): 256 MB; 5500 (60 in): 128 MB; maximum: 256 MB; Hard disk: 40 GB
Media types	Compatible with both Dye and UV ink systems: HP Colorfast Adhesive Vinyl;HP Heavyweight Coated Paper;HP Productivity Photo Gloss;HP Productivity Photo Semi-Gloss;HP Studio Canvas. Compatible with Dye-based inks: HP Backlit Film Reverse Print Matte;HP Bright White Inkjet Paper;HP Canvas Matte;HP Clear Film;HP Coated Paper;HP Fine Paper Art Vanilla;HP Photo Imaging Gloss;HP Photo Imaging Satin;HP Vellum. Compatible with UV inks: HP Banners with Tyvek;HP Basic Super Heavyweight Paper;HP Canvas Matte UV;HP Colorlucent Backlit UV;HP Durable Image Gloss UV;HP Polypropylene;HP Scrim Banner
Media sizes	Standard: ISO, JIS, ARCH. Custom: 5500 (42 in): 210 x 559 mm to 914 x 1600 mm; 5500ps (42 in): 210 x 559 mm to 914 x 1600 mm; 5500 (60 in): 210 x 559 mm to 1524 x 1600 mm
Maximum media length	Roll: 91.4 m. Theoric Value: 0.0423mm. Real Value: 0.050mm (tested in Coated media and horizontal lines). Sheet: 1.6 m
Maximum print length	91.4 m
Media handling	Roll feed, sheetfed, automatic cutter, take-up reel - optional on the 42 inch (107 cm) models
Scan	Maximum scan size: 106.7 x unlimited cm
Interface and connectivity	Standard: HP Jetdirect 620n 10/100Base-TX Print Server, supporting TCP/IP (including LPR and IPP), AppleTalk, DLC/LLC and IPX/SPX protocols. Centronics parallel port, IEEE 1284-compliant. Optional: HP Jetdirect 620n, 625n, 635n series Print Server
Drivers included	HP Designjet 5500 Series: Windows applications: MS Windows 2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64. AutoCAD: 200x and Releases 13,14, for Windows. HP Designjet 5500ps series: Mac OS: X.2, X.3, X.4, Windows applications: MS Windows 2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64. AutoCAD: 200x and Releases 13,14 for Windows; PostScript: Microsoft Windows 2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64, Macintosh OS X
Software	HP Designjet 5500 Series: Windows driver: MS Windows 2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64. AutoCAD: 200x and Releases 13,14, for Windows. HP Designjet 5500ps series: PostScript drivers for Macintosh OS X.2,X.3,X.4 and for Microsoft Windows (2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64), Windows driver (2000, 2003 Server, 2003 x64 Server Edition, XP, XP x64) AutoCAD driver (200x, R 13, 14 for Windows)
Operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional; UNIX, Linux, AutoCAD, Mac OS 8.5 to 9.2.2, Mac OS X v 10.1, Mac OS X v 10.2
Network operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional, Novell NetWare 3.2, 4.2, 5.x, 6; Mac OS 8.6 or higher; Red Hat Linux 6.x or higher; SuSE Linux 6.x or higher; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC); AIX 3.2.5 or higher; MPE-iX
Minimum system requirements	Pentium® II: 64 MB, 200MB free hard disk. G3 processor, 128 MB RAM, 200 MB available hard disk
Recommended system requirements	Pentium® IV: 256MB, 1 GB hard disk (at least 500 MB free space)
Power	Requirements: Input voltage 100 - 240 VAC (+/-10%), 50 - 60 Hz, 5 amps max.. Consumption: 400 watts maximum
Dimensions (w x d x h)	Out of package: 5500 (42 in): 198 x 68 x 128 cm; 5500ps (42 in): 198 x 68 x 128 cm; 5500 (60 in): 243 x 68 x 128 cm
Weight	Out of package: 5500 (42 in): 100 kg; 5500ps (42 in): 100 kg; 5500 (60 in): 120 kg
Operating environment	Operating temperature: 15 to 35° C. Operating humidity: 20 to 80% RH. Storage temperature: -20 to 55° C. Noise level per ISO 9296: sound power: LwAd 7 B(A) (active), 4.8 B(A) (standby). Sound pressure: LpAm 55 dB(A)
Certifications	Safety: Compliant with the requirements for ITE products: EU: Low Voltage Directive; 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
Warranty	One-year warranty with free, on-site, next-business-day service. HP Supportpacks and service agreements allow you to extend your warranty to up to 5 years, and can provide around-the-clock service with a response time of within 4 hours, every day of the year (depending on the country). The printer advises you whenever preventive maintenance is recommended to minimise downtime. Annual maintenance can also be scheduled.

Ordering information

Q1251A HP Designjet 5500 Printer, printer stand and bin, spindle (x2), printheads (x6), ink cartridges (6 x 680 ml), HP media samples, user maintenance kit, spindle adapter kit, user documentation, printer setup software, power cords

Q1252A HP Designjet 5500ps 1067 mm Printer as Q1251A plus PostScript driver

Q1253A HP Designjet 5500 1524 mm Printer as Q1251A plus take-up reel (replaces media bin)

Accessories

C2385A HP 42-inch Spindle

C2386A HP 60-inch Spindle

C6087L HP Designjet Take-Up Reel Kit (42-in/1.07m)

Q1284A HP Dye-Based Ink Upgrade Kit (42")

C2382A HP DesignJet DIMM 128MB Memory Module

Q1287A HP UV Upgrade Kit with Ink/60

Q1286A HP UV Upgrade Kit with Ink/42

Q1285A HP Dye-Based Ink Upgrade Kit (60")

Media supplies

Q8709A HP Collector Satin Canvas 400 g/m²-36"/914 mm x 15.2 m

Q8674A HP Professional Matte Canvas 430 g/m²-42"/1067 mm x 15.2 m

Q7973A HP Matte Litho-realistic Paper 270 g/m²-36"/914 mm x 30.5 m

Q8706A HP Artist Matte Canvas 380 g/m²-42"/1067 mm x 15.2 m

Q8712A HP Universal Matte Canvas 350 g/m²-24"/610 mm x 6.1 m

Service & support

HP Designjet 5500 series 1524 mm
H5654A/E HP Care Pack, On-site Response Within 4 Hours, 3 years
H5505A/E HP Care Pack, Next-day On-site Response, 3 years
HP Designjet 5500 series 1067 mm
H5653A/E HP Care Pack, On-site Response Within 4 Hours, 3 years
H5504A/E HP Care Pack, Next-day On-site Response, 3 years

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.designjet.hp.com

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