hp designjet 5500 series

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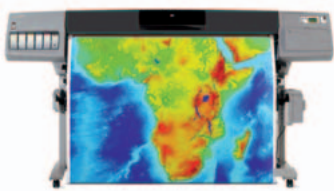
HP's Designjet 5500 series is designed specifically to meet the exact standards of print service providers, graphics specialists and GIS imaging professionals* who require exceptional image quality and reliable productivity.

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 52.86 sq m/hr in maximum speed mode.
- Unrivalled data transmission speeds (4.5 MB/s) via a powerful HP Jetdirect 615n 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**.
- Offset-printing press emulations (Euroscale, SWOP, DIC, TOYO, JMPA)** 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 new 40 GB hard disk using the Web-file submitter.
- Remote access to configurable printer alerts, job management, printer status, ink and media usage information.

hp designjet 5500 printer
(60-inch series)

hp designjet 5500 printer
(42-inch series)

* Solution tested with the following GIS applications: Autodesk Map, Bentley's MicroStation, ESRI's ArcMap in ArcGIS and GE Smallworld Core Spatial Technology.
** HP Designjet 5500ps only.

hp designjet 5500 series

q1251a	hp designjet 5500 printer (42-inch model)
q1253a	hp designjet 5500 printer (60-inch model)
q1251v	hp designjet 5500 uv printer (42-inch model)*
q1253v	hp designjet 5500 uv printer system (60-inch model)
q1252a	hp designjet 5500ps printer (42-inch model)*
q1254a	hp designjet 5500ps printer (60-inch model)
q1252v	hp designjet 5500ps uv printer (42-inch model)
q1254v	hp designjet 5500ps uv printer system (60-inch model)

memory

c2382a	hp designjet DIMM 128 MB memory module

accessories

q1286a	hp UV upgrade kit with ink/42
q1287a	hp UV upgrade kit with ink/60
q1284a	hp dye-based ink upgrade kit (42)*
q1285a	hp dye-based ink upgrade kit (60)

paper handling

c2385a	hp 42-inch spindle
c2386a	hp 60-inch spindle
c6087l	hp designjet take-up reel kit (42-in/1.07m)

service & support

	designjet 5500 60" models	
h5654a/e	hp supportpack, 3 years on-site, resonse within 4 hours	
h5505a/e	hp supportpack, 3 years on-site, next day response	
h5470pe	hp post-warranty supportpack, 1 year on-site, response within 4 hours	
h4606pa/pe	hp post-warranty supportpack, 1 year on-site, next day response	
h3600pa/pe	hp post-warranty supportpack, 2 year on-site, next day response	
	designjet 5500 42" models	
h5653a/e	hp supportpack, 3 years on-site, resonse within 4 hours	
h5504a/e	hp supportpack, 3 years on-site, next day response	
h4607pa/pe	hp post-warranty supportpack, 1 year on-site, next day response	
h3614pa/pe	hp post-warranty supportpack, 2 year on-site, next day response	
	designjet 5500 series	
h4518a/e	hp supportpack installation & nw-configuration	

For a complete list of printing material and selection numbers, please refer to the HP website at http://www.hp.com/go/designjet and select 'Printing Materials'

* Model available from December 2002

technical specifications

print technology	HP Thermal inkjet
print speed (pages per minute)	Dependent on type and print mode

	maximum speed	production	maximum quality
	52.8 sq m/hr (coated)	17.6 sq m/hr (coated)	9.3 sq m/hr (coated)
	13.7 sq m/hr (glossy)	9.3 sq m/hr (glossy)	5.6 sq m/hr (glossy)

*Dye-based ink system on coated paper. UV ink times on heavyweight coated paper are similar.

maximum resolution	1200 x 600 dpi (on glossy media)
operating systems compatibility	HP Designjet 5500 series: Microsoft® Windows® 95, 98, NT 4.0, 2000, ME, XP with HP drivers, UNIX® & Linux with HP embedded webserver file submitter. HP Designjet 5500ps series: Microsoft® Windows® 9x, NT, 2000, ME, XP, Novell Netware, NDPS, NEPS, Macintosh® OS, HP-UX, Solaris, IBM® AIX, MPE-IX.
memory	Standard: HP Designjet 5500 series: 128 MB. HP Designjet 5500ps series: 256 MB. Maximum: 256 MB. Hard Disk: 40 GB.
printer languages	HP Designjet 5500 series: TIFF, JPEG, CALS, HP GL/2, HP RTL HP Designjet 5500ps series: Adobe® PDF 1.3, Adobe® PostScript® 3TM, TIFF, JPEG, CALS, HP GL/2, HP RTL
media sizes	ISO, JIS, ARCH
maximum length of roll media	91.4 m
maximum length of sheet media	1.6 m
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.
maximum print length	91.4 m
media handling, document finishing	Roll feed, sheetfed, automatic cutter, take-up reel - optional on the 42 inch (107 cm) models.
duplex printing	Two-sided printing capability: solutions provided by 3rd parties.
power requirements	Input voltage 100 - 240 VAC (+/-10%), 50 - 60 Hz, 5 amps max.
power consumption	400 watts maximum
interface and connectivity	Standard: HP Jetdirect 615n 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 610n/615n series Print Server, HP Jetdirect connectivity card and HP Jetdirect 500X, 300X and 170X external print servers.
drivers included	HP Designjet 5500 series: Windows applications: Microsoft® Windows® 95, 98, NT 4.0, 2000, XP; AutoCAD: 2000 and Releases 13, 14 for Windows. HP Designjet 5500ps series: Windows applications: Microsoft® Windows® 95, 98, NT 4.0, 2000, XP; AutoCAD: 2000 and Releases 13, 14 for Windows; PostScript: Microsoft Windows 95, 98, NT 4.0, 2000, XP, Macintosh OS 8.5, 8.6, 9.x, OS X.
software included	HP Designjet 5500 series: Microsoft® Windows® driver (Windows 95, 98, NT 4.0, 2000, ME, XP), AutoCAD driver (2000, R 13, 14 for Windows). HP Designjet 5500ps series: PostScript® drivers for Macintosh® OS (8.1, 8.5, 8.6, 9.x) and for Microsoft® Windows® (95, 98, NT 4.0, 2000, ME, XP), Windows driver (Windows 95, 98, NT 4.0, 2000, ME,XP), AutoCAD driver (2000, R 13, 14 for Windows).
dimensions (w x d x h)	Out of package: HP Designjet 42-inch models: 198 x 68 x 128 cm; HP Designjet 60-inch models: 243 x 68 x 128 cm.
product weight	Out of package: HP Designjet 42-inch models: 100 kg; Hp Designjet 60-inch models: 120 kg.
operating environment	Environmental ranges: 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: 7 B(A), sound pressure: 55 dB(A).
ENERGY STAR	Yes
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 CCC, Japan VCCI. Class A for Korea MIC, Taiwan BSMI. Regulatory standards: Compliant with the requirements for ITE products: EU: Low Voltage Directive; USA & Canada: CSA Certified for US & Canada; Mexico: NOM-1-NYCE; Argentina: IRAM; China: CCC; Singapore: PSB; Russia: GOST; Poland: PCBC.
warranty	One-year warranty with free, on-site, next-business-day service.

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

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111(Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zl + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (27)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50205611, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20, **Yugoslavia:** +381 11 322 80 14.