

technical specifications hp designjet 5500 series	hp designjet 5500/5500 uv 42-in Q1251A/Q1251V	hp designjet 5500/5500 uv 60-in Q1253A/Q1253V	hp designjet 5500ps/5500ps uv 42-in Q1252A/Q1252V	hp designjet 5500ps/5500ps uv 60-in Q1254A/Q1254V	
print speed ¹	60-in: 42-in:	maximum speed ³ 569 sq ft/hr 499 sq ft/hr	production 189 sq ft/hr 170 sq ft/hr	productivity 100 sq ft/hr 89 sq ft/hr	maximum quality 76 sq ft/hr 68 sq ft/hr
minimum line width	.002 in				
print margins ²	lateral: 7 mm trailing edge and leading edge: 35 mm				
line accuracy	± 0.2% of the specific page length				
maximum length	300 ft				
maximum resolution	1200 x 600 dpi (on glossy media with enhanced IQ running)				
media handling	roll feed and sheet feed, automatic cutter (optional take-up reel)	roll feed and sheet feed, automatic cutter, take-up reel	roll feed and sheet feed, automatic cutter (optional take-up reel)	roll feed and sheet feed, automatic cutter, take-up reel	
memory	standard: 128 MB RAM maximum: 256 MB RAM		standard: 256 MB RAM maximum: 256 MB RAM		
connectivity: languages	TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL		Adobe PostScript 3, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL		
drivers	Microsoft® Windows 95, 98, Me, NT 4.0, 2000, XP with hp drivers hp embedded webserver file submitter for driverless printing in Mac OS, Windows, Linux, or UNIX AutoCAD: 2000, 2002, R 14 for Windows		Microsoft® Windows 95, 98, Me, NT 4.0, 2000, XP with hp drivers hp embedded webserver file submitter for driverless printing in Mac OS, Windows, Linux, or UNIX AutoCAD: 2000, 2002, R 14 for Windows PostScript: Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP; Mac OS 8.5 to 9.2.2, X.1, and X.2		
interfaces: standard	standard: hp jetdirect 620n 10/100Base-TX print server, supporting TCP/IP (including LPR and IPP), AppleTalk, DSL/LIC and IPX/SPX protocols. Centronics parallel port, IEEE 1284-compliant				
optional	hp jetdirect 610n/620n series print servers, hp jetdirect connectivity card, and hp jetdirect 500x, 300x, and 170x external print servers				
printing technology	color thermal inkjet				
what's in the box	printer stand, media bin, two roll-feed spindles, power cords, hp designjet ink systems, hp printing material sample, user documentation, user maintenance kit, hp designjet printer setup software	printer stand, media bin, two roll-feed spindles, power cords, hp designjet ink systems, hp printing material sample, user documentation, user maintenance kit, hp designjet printer setup software, take-up reel	printer stand, media bin, two roll-feed spindles, power cords, hp designjet ink systems, hp printing material sample, user documentation, user maintenance kit, hp designjet printer setup software	printer stand, media bin, two roll-feed spindles, power cords, hp designjet ink systems, hp printing material sample, user documentation, user maintenance kit, hp designjet printer setup software, take-up reel	

¹ times one dye ink on coated paper—uv ink times are similar
² for graphic or imaging applications—margins for technical illustrations as small as 5mm on all sides
³ speed indicated is the maximum velocity that the printer may reach in specific cases

ordering information

number	description	
Q1251A	HP Designjet 5500 printer (42-in model)	
Q1252A	HP Designjet 5500ps printer (42-in model)	
Q1253A	HP Designjet 5500 printer (60-in model)	
Q1254A	HP Designjet 5500ps printer (60-in model)	
Q1251V	HP Designjet 5500 uv printing system (42-in model)	
Q1252V	HP Designjet 5500ps uv printing system (42-in model)	
Q1253V	HP Designjet 5500 uv printing system (60-in model)	
Q1254V	HP Designjet 5500ps uv printing system (60-in model)	
service and support		
H5504E	HP Care Pack, 3-year, Next Business Day Response (42-in model)	
H5505E	HP Care Pack, 3-year, Next Business Day Response (60-in model)	
H5533E	HP Care Pack, 3-year, 4-Hour Response, Standard Business Hours (42-in model)	
H5534E	HP Care Pack, 3-year, 4-Hour Response, Standard Business Hours (60-in model)	
H3619E	HP Care Pack, 3-year, 4-Hour Response, Extended Business Hours (42-in model)	
H3605E	HP Care Pack, 3-year, 4-Hour Response, Extended Business Hours (60-in model)	
H4517E	Installation Service: 1 printer, 1 incident	
H4518E	Installation Service: 1 network configuration	
H4607PE	Post Warranty Service, 1-year, Next Business Day Response	
H4606PE	Post Warranty Service, 1-year, Next Business Day Response	
upgrade kits		
C2377A	42-inch UV upgrade	
C2379A	60-inch UV upgrade	
C6092A	42-inch dye upgrade	
C6093A	60-inch dye upgrade	
supplies and accessories		
C2385A	Spindle Assembly (42-in model)	
C2386A	Spindle Assembly (60-in model)	
C6087L	HP Designjet Take-Up Reel Kit (42in/1.07m)	
C2383A	HP Printhead storage container	
Q6649A	HP Designjet 5500 60" Media Bin (60-in model)	
HP 81 Ink System (dye for imaging)	HP 83 Ink System UV (pigmented for outdoors)	
ink cartridges		
C4930A	HP 81, Black, 680 ml	C4940A HP 83, Black, UV, 680 ml
C4931A	HP 81, Cyan, 680 ml	C4941A HP 83, Cyan, UV, 680 ml
C4932A	HP 81, Magenta, 680 ml	C4942A HP 83, Magenta, UV, 680 ml
C4933A	HP 81, Yellow, 680 ml	C4943A HP 83, Yellow, UV, 680 ml
C4934A	HP 81, Light Cyan, 680 ml	C4944A HP 83, Light Cyan, UV, 680 ml
C4935A	HP 81, Light Magenta, 680 ml	C4945A HP 83, Light Magenta, UV, 680 ml
printheads/cleaners		
C4950A	HP 81, Black	C4960A HP 83, Black, UV
C4951A	HP 81, Cyan	C4961A HP 83, Cyan, UV
C4952A	HP 81, Magenta	C4962A HP 83, Magenta, UV
C4953A	HP 81, Yellow	C4963A HP 83, Yellow, UV
C4954A	HP 81, Light Cyan	C4964A HP 83, Light Cyan, UV
C4955A	HP 81, Light Magenta	C4965A HP 83, Light Magenta, UV
media		
dye and UV ink systems		
C5599C	HP Heavyweight Coated Paper	42 in by 100 ft
Q1956A	HP Heavyweight Coated Paper	42 in by 225 ft
C6977A	HP Heavyweight Coated Paper	60 in by 100 ft
Q1957A	HP Heavyweight Coated Paper	60 in by 225 ft
Q1939A	HP Productivity Photo Gloss	42 in by 100 ft
Q1941A	HP Productivity Photo Gloss	60 in by 100 ft
Q1944A	HP Productivity Photo Semi-gloss	42 in by 100 ft
Q1946A	HP Productivity Photo Semi-gloss	60 in by 100 ft
C6771A	HP Studio Canvas	36 in by 35 ft
C6773A	HP Studio Canvas	54 in by 35 ft
dye based ink		
C6964A	HP Photo Imaging Gloss	42 in by 100 ft
C6965A	HP Photo Imaging Gloss	60 in by 100 ft
C6960A	HP Photo Imaging Satin	42 in by 100 ft
C6961A	HP Photo Imaging Satin	60 in by 100 ft
UV ink		
C6787A	HP Banners with Tyvek®	36 in by 50 ft
C6789A	HP Banners with Tyvek	54 in by 50 ft
For a complete list of printing materials and selection numbers, please refer to the HP Web site at www.designjet.hp.com		
cables		
C2496A	HP IEEE 1284-compliant bidirectional parallel cable, 9 ft	
C2947A	HP IEEE 1284-compliant bidirectional cable, 32 ft	
memory		
C2381A	64 MB memory module	
C2382A	128 MB memory module	
network		
J7934A	HP Jetdirect (EIO) internal: 620n, Fast Ethernet 10/100Base-TX	
J3252A	HP Jetdirect external: 300x, 10/100Base-TX (1-port)	
J3253A	HP Jetdirect external: 500x, 10/100Base-TX (3-port)	
J3258B	HP Jetdirect external: 170x, 10Base-T (1-port)	
J6058A	HP Jetdirect wireless: 680n, 802.11b	

environmental ranges

Operating temperature: 59 to 95° F (15 to 35° C)
Storage temperature: -4 to 131° F (-20 to 55° C)
Operating humidity: 20 to 80% RH (non-condensing)

power requirements

Source: 100 to 240 volts (± 10%) auto-ranging
Frequency: 50 to 60 Hz

power consumption

Maximum consumption: 400 watts
Standby: 70 watts
Powersave: 55 watts

acoustics

Sound Pressure: 55 dB printing mode, < 35 dB when idle
Sound Power: 70 dB printing mode, < 48 dB when idle

product certification

Safety Certifications: compliant with the requirements for the ITE products: CSA Certified
Electromagnetic Compatibility: compliant with the requirements for Class B ITE products
(Class A when connected to LAN cables); FCC rules, DOC

ENERGY STAR® compliant

printer dimensions (w x d x h)

42-in models: 78 x 27 x 50 in (197 x 67 x 128 cm)
60-in models: 96 x 27 x 50 in (243 x 67 x 128 cm)

shipping dimensions (w x d x h)

42-in models: 89 x 25 x 52 in (226 x 63 x 132 cm)
60-in models: 107 x 25 x 52 in (271 x 63 x 132 cm)

printer weight

42-in models: 220 lbs (100 kg)
60-in models: 264 lbs (120 kg)

shipping weight

42-in models: 491 lbs (183 kg)
60-in models: 601 lbs (224 kg)

warranty

1 year next-business-day onsite

For more information on the HP Designjet 5500 series printers, visit our Web site at www.hp.com and click on products and services. Here you will find information on products, supplies, and accessories for all your computing needs. HP printers, personal computers, supplies, and accessories are available at authorized HP resellers worldwide.

HP PCs use genuine Windows Operating Systems

www.microsoft.com/piracy/howtotell

For more information

Product: Visit www.hp.com

Purchase: HP business solutions, products and supplies can be purchased at your local HP partner (www.hp.com/go/locator), or bought directly from HP at www.buy.hp.com or 800-613-2222.

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