



HP Designjet 4520 Scanner



Streamline workflow and improve productivity by bringing large-format, color scanning in-house to complement your current large-format printing capability. Use the included software to integrate the scanner into your existing production environment.

Enable powerful color copy/scan functions in-house

- **Outstanding scan performance increases efficiency.** With scan speeds up to 76 mm (3 in) per second color and 254 mm (10 in) per second black-and-white, the HP Designjet 4520 Scanner delivers outstanding copy and scan performance and increases efficiency. Scan, then save, print or copy and move on to the next task.
- **High processing speed makes short work of large files.** The HP Designjet 4520 Scanner comes standard with an embedded operating system and an Intel Pentium® 4 processor. The 2.6 GHz processing speed, 1 GB memory, and 40 GB hard disk enable faster scan and copy performance.
- **Powerful scan resolution creates high-quality images with realistic colors and precise lines.** Use the HP Designjet 4520 Scanner to create scans that have a level of detail that is comparable to the originals. With a resolution of 508 dpi optical and up to 9600 dpi enhanced from three CCD cameras, and a 0.1 percent line accuracy, your scanned files are indistinguishable from new output, and reproduce the original documents precisely. The monochrome Dual 2D-Adaptive enhancement technology produces clean and crisp scans even from poor-quality originals.
- **Produce large-format color and black-and-white scans from wide or thick, rigid originals.** Add scanning functionality to produce electronic files and hard copies of color and black-and-white documents. The scanner accepts originals up to 1092 mm (42 in) wide and 15.2 mm (0.6 in) thick, so you can handle oversized and heavyweight originals even those mounted on foam board. The 1067 mm (42 in) scan area captures wide-format images for easy printing, copying, and saving. The scanner does not limit scan length.
- **Low support cost.** Service certain parts more easily yourself and rely on HP's award-winning service.

Create an integrated HP scan-copy-print system

- **Closed-loop color calibration gives you consistent color reproduction.** Every scan, copy, and print contains the same colors as the original document. Create and store your custom media profiles to obtain outstanding color accuracy - print after print. and JPEG with embedded ICC profiles, offset emulation, HP CMYK Plus, Black Point compensation, and PANTONE® calibration (PS only).

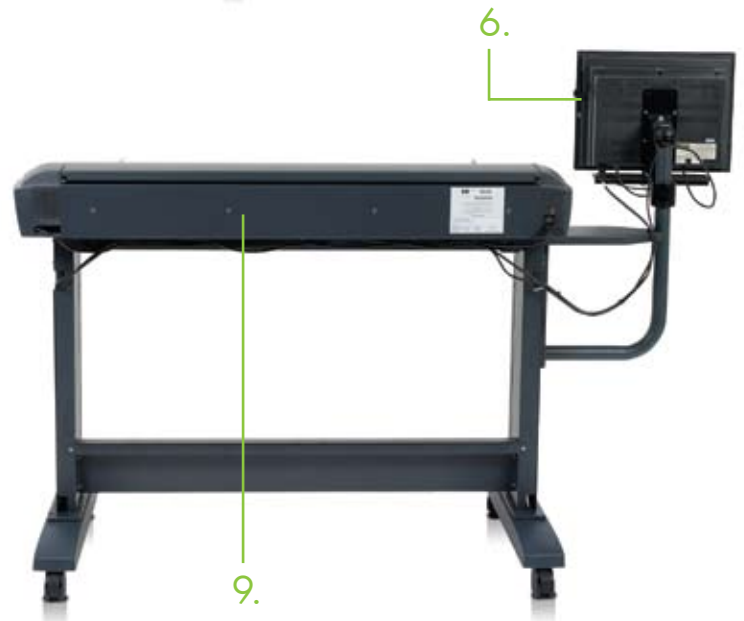
- **Integration with the printer enables excellent ease of use, copy quality, and performance.** The Designjet 4520 Scanner's integrated copy system features real-time printer, media, and queue information in the scanner user interface, copy accounting in the printer, and copy job priority capability.
- **Preconfigured drivers and network connectivity integrate your entire HP production system.** With the HP Designjet 4520 Scanner, you don't have to worry about device compatibility. The preconfigured drivers and built-in network connectivity make it easy to print and copy directly to your HP Designjet 5x0/800 series, 1000 series, 40x0/45x0 series, 5x00 series, T610/T11x0 series, Z2100/Z3x00 series and Z6100 series products. Eliminate user retraining by including this scanner in your HP design-and-production solution.
- **Easily save scanned files in PDF, TIFF, JPEG2000, and DWF file format.**
- **Easy to integrate with a variety of third party applications.** These range from scan applications and raster-to-vector conversion to document management.

Scan, copy, and print at the touch of a button

- **Use the touchscreen graphical display for easy, intuitive operation.** Even untrained users can produce great copy and scan results from the intuitive, 381 mm (15 in) touchscreen display. The graphical interface walks the user through the appropriate procedure to produce the type of document or file that you need. Rather than mixing different brands, simply add the HP Designjet 4520 Scanner to the HP Designjet products that you already know and trust.
- **Use advanced copy features to streamline your job.** The advanced copy functions of the HP Designjet 4520 Scanner help you make copies quickly and easily. Enlarge or reduce images and adjust margins to create the ideal image. Use the nesting option to save media, and make large enlargements easily with the paneling option. You can also perform batch scanning with auto-naming and track your output by using the integrated accounting features.
- **Seamless network connectivity for easy access.** The HP Designjet 4520 Scanner fits seamlessly into your production setup and your network. Using 1000Base-T networking and TCP/IP protocols, you can communicate across a network on the keyboard that comes standard with this stand-alone or add-on scanner.

HP Designjet 4520 Scanner

1. The built-in scanner accepts originals up to 1092 mm (43 in) wide and 15.2 mm (0.6 in) thick.
2. Scan resolution of 508 dpi optical and 9600 dpi enhanced.
3. Scanning speed of 76 mm (3 in) per second for color and 254 mm (10 in) per second for mono originals (400 dpi Turbo).
4. Intuitive, 381 mm (15 in) touchscreen display with graphical interface.
5. Includes Read/Write DVD to save scanned documents on DVDs and CDs.
6. 2.6 GHz processing speed, 1 GB memory, and 40 GB hard disk for faster scan and copy performance.
7. Fast preview enables greater control over final output.
8. Intuitive software provides easy-to-use scanning, copying, and network printing.
9. High scanning quality and speeds/excellent 3D scanning capability.



HP Designjet 4520 Scanner at a glance

HP Designjet 4520 Scanner

- 1067 mm (42 in) mm scan area
- Accepts originals up to 15.2 mm (0.6 in) thick
- 508 dpi optical and 9600 dpi enhanced scan resolution
- 76 mm (3 in) per second color and 254 mm (10 in) per second black-and-white scan speed (400 dpi Turbo)
- 2.6 GHz processing speed, 1 GB memory, and 40 GB hard disk

Optional service and support

- HP Installation Service (1 unit)
- HP Network Installation Service (1 unit)
- HP Next Business Day Onsite Hardware Support, 3 years
- HP 4 hour response 9x5 Onsite Hardware Support, 3 years
- HP 4 hour response 13x5 Onsite Hardware Support - onsite in 4 hours, 3 years
- HP Next Business Day Onsite Hardware Support, 1 year post warranty
- HP 4 hour response 9x5 Same-Day Onsite Hardware Support, 1 year post warranty
- HP 4 hour response 13x5

"The HP Designjet 4520 scanner is specifically designed for large departments in Enterprise and Public Sector environments or reprographic houses that print nonstop in centralized production environments"

Scanner

Superior technology for superior results

- Three digital cameras scan at a resolution of up to 508 dpi optical and 9600 dpi enhanced, with 0.1 percent line accuracy
- Full, vivid color with 24-bit color and 8-bit graytone
- High-speed, 400 dpi Turbo color scanning at 76 mm (3 in) per second and 400 dpi Turbo monochrome scanning at 254 mm (10 in) per second
- Scan media up to 1092 mm (43 in) wide and up to 15.2 mm (0.6 in) thick, for handling oversized, heavyweight originals—even cardboard
- Color image processing technology provides color correction and 2-D filters for color sharpening, color softening, and blur reduction

Software

Complete functionality and control

- Preview your image for a high quality, precision job
- Copy, enlarge, reduce, or adjust colors and settings, for perfecting even your originals
- Scan to file or DVD/CD in the most common file formats including PDF, TIFF, JPEG2000, and DWF
- Print your scanned jobs in unattended batches with the prints-list feature
- Print locally or print through the network to HP Designjet 5x0, 800, 1000, 40x0/45x0, 5x00, T610/T11x0, Z2100/Z3x00, Z6100 Printer series
- Use the nesting option to save media
- Make enlargements easily with the paneling option
- Track your output using the integrated accounting features
- Perform batch scanning with auto-naming

Graphical display

Convenient, easy-to-use interface

- Touchscreen running embedded operating system
- Intel Pentium 4, 2.6 GHz processor and 40 GB of memory for scanned jobs
- Small keyboard included for easy data entry and network access
- DVD/CD reader/writer included for efficiency and versatility
- Fast network connection (TCP/IP)

Support and service

One-stop support and service

- One-year onsite warranty
- Additional support options include physical installation with or without network configuration, three-year warranty extension, and a one-year post warranty
- 24-hour online support via www.designjet.hp.com provides troubleshooting tips, driver downloads, user forums, and documentation
- Toll-free phone support with product experts

Compatible HP Printer series



HP Designjet 500/510
HP Designjet 500 Mono (AP only)



HP Designjet 800



HP Designjet 1000/1055



HP Designjet 4000/4020



HP Designjet 4500/4520



HP Designjet 5000/5500
HP Designjet 5100 (AP only)



HP Designjet Z6100



HP Designjet Z3100/Z3200



HP Designjet Z2100



HP Designjet T1100/T1120



HP Designjet T610

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Technical specifications

Scan	
Scan speed	Color (200 dpi/400 dpi Turbo): 76 mm/sec (3 in/sec) Black-and-white (200 dpi/400 dpi Turbo): 254 mm/sec (10 in/sec)
Scan/copy resolution	Enhanced mode: 9600 x 9600 dpi with variable resolution settings from 50 dpi in increments of 1 dpi Best mode: 300 x 300 dpi Normal mode: 200 x 200 dpi Draft mode: 150 x 150 dpi
Maximum scan width	1067 mm (42 in)
Maximum scan thickness	15 mm (0.6 in)
Copy	
Reduction/enlargement	1 to 10,000%
Maximum copies	1000 copies
Copier settings	Type of original, image crop and align preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, paneling, tiling, nesting, accounting, batch
Media	
Handling	Straight-through scan paper path for sheet and cardboard originals
Types	Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard. (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
Processing and memory	
Intel Pentium 4 2.8 GHz, 1 GB memory, 40 GB hard disk	
Connectivity	
Interfaces	1 Gigabit Ethernet (1000Base-T) port, 1 FireWire (IEEE-1394a compliant) port
Drivers	HP Macroinstaller with Windows drivers for HP Designjet 5x0/800 series, 1000 series, 40x0/45x0 series, 5x00 series, T610/T11x0 series, Z2100/Z3x00 series and Z6100 series products
Dimensions (h x d x w)	
Scanner	1800 x 850 x 1380 mm (70.8 x 33.4 x 54.3 in)
Shipping	1910 x 680 x 615 mm (75.2 x 26.8 x 24.2 in)
Weight	
Scanner	92.5 kg (204 lb)
Shipping	122 kg (269 lb)
What's in the box	
Scanner, stand, touchscreen (panel PC), keyboard, quick reference guide, setup poster, documentation CD, system recovery DVD, customer service guide, FireWire cables (x2), Ethernet cable, power cord	

Environmental ranges

Operating temperature	18 to 32° C (64 to 90° F)
Recommended operating temperature	15 to 30° C (59 to 86° F)
Storage temperature	-20 to 55° C (-4 to 131° F)
Operating humidity	20 to 80% RH
Recommended humidity	25 to 75% RH

Acoustic

Sound pressure, active	46 dB(A)
Sound pressure, standby	41 dB(A)
Sound power, active	6.3 B(A)
Sound power, standby	5.8 B(A)

Power consumption

Active	300 watts maximum
Off	3.5 watts

Power requirements

Input voltage (auto ranging):	100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max
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Certification

Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KATS)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC), Taiwan (BSMI)
Environmental	EU & China RoHS, WEEE, REACH, EuP

Warranty

One-year limited hardware warranty

Service and support

Care packs	H4518E HP Network Installation
	UL639E HP 3y Next Business Day Onsite
	UL638E HP 4y Next Business Day Onsite
	UL633E HP 1y Post Warranty Next Business Day Onsite
	UL632E HP 3 year 4 hour 13X5
	UL627PE HP 1 year Post Warranty 4 hour 13X5



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Ordering information

Product

CM770A HP Designjet 4520 Scanner

Supported Printers

C7769E HP Designjet 500 Mono 24-in Printer (AP only)
 C7770E HP Designjet 500 Mono 42-in Printer (AP only)
 C7769B HP Designjet 500 24-in Printer
 C7770B HP Designjet 500 42-in Printer
 C7769C HP Designjet 500ps 24-in Printer
 C7770C HP Designjet 500ps 42-in Printer
 C7769F HP Designjet 500 Plus 24-in Printer
 C7770F HP Designjet 500 Plus 42-in Printer
 C7769G HP Designjet 500 Plus ps 24-in Printer
 C7770G HP Designjet 500 Plus ps 24-in Printer
 CH336A HP Designjet 510 24-in Printer
 CH337A HP Designjet 510 42-in Printer
 C7779B HP Designjet 800 24-in Printer
 C7780B HP Designjet 800 42-in Printer
 C7779C HP Designjet 800ps 24-in Printer
 C7780C HP Designjet 800ps 42-in Printer
 C6074B HP Designjet 1050c Plus Printer
 C6075B HP Designjet 1055cm Plus Printer
 Q1273A HP Designjet 4000 Printer
 Q1274A HP Designjet 4000ps Printer
 CM765A HP Designjet 4020 42-in Printer
 CM766A HP Designjet 4020ps 42-in Printer
 Q1271A HP Designjet 4500 Printer
 Q1272A HP Designjet 4500ps Printer
 CM767A HP Designjet 4520 42-in Printer
 CM768A HP Designjet 4520ps 42-in Printer
 CG710A HP Designjet 5100 Printer (EMEA and AP only)
 Q1251A HP Designjet 5500 42-in Printer
 Q1253A HP Designjet 5500 60-in Printer
 Q1252A HP Designjet 5500ps 42-in Printer
 Q1254A HP Designjet 5500ps 60-in Printer
 Q1251V HP Designjet 5500 42-in UV Printer
 Q1253V HP Designjet 5500 60-in UV Printer
 Q1252V HP Designjet 5500ps 42-in UV Printer
 Q1254V HP Designjet 5500ps 60-in UV Printer
 Q6711A HP Designjet T610 24-in Printer
 Q6712A HP Designjet T610 42-in Printer
 Q6683A HP Designjet T1100 24-in Printer
 Q6684A HP Designjet T1100 44-in Printer
 Q6687A HP Designjet T1100ps 24-in Printer
 Q6688A HP Designjet T1100ps 44-in Printer
 CK837A HP Designjet T1120 24-in Printer
 CK839A HP Designjet T1120 44-in Printer
 CK838A HP Designjet T1120ps 24-in Printer
 CK840A HP Designjet T1120ps 44-in Printer
 Q6675 HP Designjet Z2100 24-in Photo Printer
 Q6677A HP Designjet Z2100 44-in Photo Printer
 Q5669A HP Designjet Z3100 24-in Photo Printer
 Q5659A HP Designjet Z3100 44-in Photo Printer
 Q5670A HP Designjet Z3100ps GP 24-in Photo Printer
 Q5660A HP Designjet Z3100ps GP 44-in Photo Printer
 Q5669A HP Designjet Z3200 24-in Photo Printer
 Q6659A HP Designjet Z3200 44-in Photo Printer
 Q5670A HP Designjet Z3200ps 24-in Photo Printer
 Q6660A HP Designjet Z3200ps 44-in Photo Printer
 Q6651A¹ HP Designjet Z6100 42-in Printer
 Q6652A¹ HP Designjet Z6100 60-in Printer
 Q6653A¹ HP Designjet Z6100ps 42-in Printer
 Q6654A¹ HP Designjet Z6100ps 60-in Printer
 Q6651C² HP Designjet Z6100 42-in Printer
 Q6652C² HP Designjet Z6100 60-in Printer
 Q6653C² HP Designjet Z6100ps 42-in Printer
 Q6654C² HP Designjet Z6100ps 60-in Printer

¹ Available in Europe and Asia

² Available in North and South America

For a complete list of supported printers, visit:

www.hp.com/go/designjet4520scanner

For more information, visit our website at:

www.hp.com/go/designjet4520scanner

