Designjet HD Scanner

In-house scanning/copying at the touch of a button

Quickly transform originals into digital documents

- See high speeds up to 3 inches (7.6 cm)/sec for colour and up to 10 inches (25.4 cm)/sec for black-and-white scans

- Take advantage of the HP Designjet Scanner's high processing speeds to make short work of large files

- Powerful scan resolution—create images with realistic colours and precise lines that improve upon the original

- Produce large-format colour and black-and-white scans from wide or thick, rigid originals

Create an integrated HP scan-copy-print system

- Obtain consistent colour reproduction with closed-loop colour calibration

- Integrate with the printer for excellent ease of use, copy quality, and performance

- Integrate your entire HP production system using preconfigured drivers and network connectivity

- Save scanned files in a variety of file formats, and easily integrate with third-party applications

Easily scan and copy at the touch of a button

- Easy and intuitive operation with a 15 inch (38.1 cm) touchscreen graphical display

- Use advanced copy features to streamline your job and help you make copies quickly and easily

- Tap into seamless network connectivity for easy access

Technical specifications

Scan

Scan speed	Colour (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)

Memory

	1 GB memory, 160 GB hard disk

Connectivity

Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, FireWire (IEEE-1394a compliant)
Drivers (included)	HP Macroinstaller with Windows drivers for compatible HP Designjet Printers

Dimensions (w x d x h)

Scanner	1800 x 850 x 1380 mm (70.8 x 33.4 x 54.3 in)
Shipping	1910 x 680 x 760 mm (75.2 x 26.8 x 29.9 in)

Weight

Scanner	92.5 kg (204 lb)
Shipping	140 kg (309 lb)
What's in the box	Scanner, stand, touchscreen (panel PC), quick reference guide, setup poster, documentation software, system recovery software, customer service guide, FireWire cables (x2), Ethernet cable, power cord

Environmental ranges

Operating temperature	5 to 40°C (41 to 104°F)
Storage temperature	-25 to 55°C (-13 to 131°F)
Operating humidity	20 to 80% RH

Acoustic

Sound pressure	47 dB(A) (active); 25 dB(A) (standby)
Sound power	6.3 B(A) (active); 4.4 B(A) (standby)

Power

Consumption	300 watts (scanning), 38.3 watts (ready), 3.5 watts (off)
Requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max

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	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
Environmental	WEEE, EU RoHS, China RoHS, REACH

Warranty

	One-year limited hardware warranty

Service and support Care packs

UT932E	HP 3 year Next Business Day Onsite Support
UT938E	HP 3 year 4 hour response, 9x5 Onsite Support
UT941E	HP 3 year 4 hour response, 13x5 Onsite Support
UT935E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
UT944PE	HP 1 year, Post Warranty, Next Business Day Onsite Support
UT945PE	HP 2 year Post Warranty, Next Business Day Onsite Support
UT946PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention
UU954PE	HP 1 year Post Warranty, 4 hour response, 9x5 Onsite Support
UU955PE	HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support
H4518E	HP Network Installation Service Designjet 400-6100 SVC

Ordering information

Product

CQ654B[1]/CQ654C[1]   HP Designjet HD Scanner

Supported Printers

HP Designjet 500 Printer series

HP Designjet 510 Printer series

HP Designjet 800 Printer series

HP Designjet 1050/1055 Printer series

HP Designjet 4000/4020 Printer series

HP Designjet 4500/4520 Printer series

HP Designjet 5100 Printer

HP Designjet 5500 Printer series

HP Designjet T610 Printer series

HP Designjet T620 Printer series

HP Designjet T770 Printer series

HP Designjet T790 ePrinter series

HP Designjet T920 ePrinter series

HP Designjet T1100 Printer series

HP Designjet T1120 Printer series

HP Designjet T1200 Printer series

HP Designjet T1300 PostScript® ePrinter

HP Designjet T1500 ePrinter series

HP Designjet T7100 Printer

HP Designjet Z2100 Photo Printer series

HP Designjet Z3100 Photo Printer series

HP Designjet Z3200 PostScript® Photo Printer series

HP Designjet Z5200 PostScript® Printer

HP Designjet Z6100 Printer series

HP Designjet Z6200 Photo Printer series

HP Designjet Support Services offer solutions for business critical environments — installation, support and maintenance, as well as secure printing, job accounting and colour usage controls.
For more information, please visit hp.com/go/designjet/support.

For more information, visit our website at: hp.com/go/designjetHDscanner

[1]   CQ654B includes a Windows XP panel PC; CQ654C includes a Windows 7 panel PC.

Sign up for updates
hp.com/go/getupdated

4AA0-6941EEP, November 2013

This is an HP Indigo digital print.