Datasheet

HP HD Pro Scanner

Produce exceptional, high-quality results with HP's high-production HD colour scanner.

GROW – Expand your capabilities and opportunities

- Reproduce everything from technical documents to graphics – even damaged originals – with CCD scanning technology.

- Create large-format colour and monochrome scans/copies up to 1067-mm (42-inches) wide, even on thick[1] media.

- Produce incredibly accurate and high-quality scans with 1200 dpi optical resolution.

- Easily share and collaborate – scan to HP SmartStream software,[2] email, USB, network folders, and HDDs.

ACCELERATE – Speed up production and drive results

- Accomplish more with incredible speeds – scan 15.24 cm (6 inches)/sec in colour, 33 cm (13 inches)/sec in monochrome.[3]

- Experience an uninterrupted workflow with advanced touchscreen controller that enables ultra-fast processing.

- Save time operating and managing your scanner with an intuitive user interface that requires less clicks to final scan.

- Be more productive with improved compression options, unlimited presets, multi-page PDFs, and collating.

OPTIMISE – Integrate and secure your workflow

- Enjoy seamless integration with HP PageWide XL and HP DesignJet printers; rely on a single support solution.

- Avoid reprints – large touchscreen to preview, enhance images; post-scan editing with HP SmartStream software[2].

- Protect your data with advanced security – set up a password to scan to USB and access advanced settings.

- Build a multifunction system[4] – save space with the adjustable stand and easily control output destinations[5].

HP DesignJet
25 years reinventing design

Technical specifications

Scan and copy

Scan speed	Up to 15 cm/sec (colour, 200 dpi); Up to 33 cm/sec (greyscale, 200 dpi)
Enhanced Resolution	9600 dpi
Optical resolution	1200 dpi
Accuracy	±0.1% ±1 pixel
Imaging Technology	CCD scanning technology
Data capture (color/mono)	48-bit/16-bit
Maximum scan width	1067 mm
Supported file formats	PDF, TIFF, JPEG, JPEG2000, DWF, CALS (B&W), multi-page PDF generation
Scan to	File, email, USB, HDD, network folder, FTP, print
Copier specific settings	Type of original; Image crop and align preview; Lightness; Saturation and RGB controls; White point and black point adjust; Sharpen/blur; Mirror copy; Enlarge/reduce; Paneling; Tiling; Nesting; Accounting; Batch; Multipage PDF generation; Invert; Collate copy with reprint
Maximum scan size	1067 mm x 21.6 m; 914 mm x 26 m; 610 mm x 37.9 m; 305 mm x 75.76 m (using a colour original at 200 dpi and TIFF file format)
Maximum copies	Unlimited
Applications	Digital fine art; Graphics design; Line drawings; Maps; Orthophotos; Photos; Renderings; Presentations

Media

Handling	Straight-through scan paper path for sheet and cardboard originals, adjustable paper pressure for very thin media. Face-down, front entry, rear exit, rewind to front, use document return guide for front-return. Automatic high adjustment of scanner bridge for thick originals up to 15 mm (0.6 in) thickness.
Types	Non-abrasive paper, vellum, Mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard, newspaper, tracing paper. Varying condition documents: old, delicate, folded, creased, crumpled, damaged originals (no plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
Maximum media thickness	15 mm
Memory	RAM: 4 GB Hard disk drive: Standard, 500 GB

Connectivity

Interfaces (standard)	Dual Gigabit Ethernet (1000Base-T); Hi-Speed USB 3.0 certified
Drivers (included)	Windows drivers for compatible HP PageWide XL and HP DesignJet Printers

Dimensions (w x d x h)

Scanner	1510 x 720 x 1370 mm
Shipping	1500 x 680 x 710 mm

Weight

Scanner	71 kg
Shipping	90 kg
What's in the box	HP HD Pro 1067-mm (42-in) Scanner; Stand; Touchscreen (panel PC); Quick reference guide; Media guides; Setup poster; Copy/Scan software; Documentation software; Ethernet cables (x2); Power cords

Environmental ranges

Operating temperature	5 to 40ºC
Storage temperature	-25 to 55ºC
Operating humidity	20 to 80% RH

Acoustics

Sound pressure	48 dB(A) (scanning); < 22 dB(A) (ready); < 22 dB(A) (sleep);
Sound power	6.4 B(A) (scanning); < 3.9 B(A) (ready); < 3.9 B(A) (sleep);

Power

Consumption	90 watts (scanning); 80 watts (ready); < 3 watts (sleep)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz, 5 A max

Certification

Safety	USA and Canada (UL certified); EU (LVD and EN 60950-1 compliant); Russia (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KC)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Taiwan (BSMI), Russia (EAC)
Environmental	ENERGY STAR; WEEE; RoHS (EU); REACH; EPEAT Bronze
Warranty	One-year commercial hardware warranty

Ordering information

Product

G6H51B   HP HD Pro Scanner

Service and Support

U4PS7PE HP 1 year Next Business Day Onsite Hardware Support with Defective Media Retention for DesignJet HD Pro Scanner
U4PS8PE HP 2 year Next Business Day Onsite Hardware Support with Defective Media Retention for DesignJet HD Pro Scanner
U4PS5E HP 3 year Next Business Day Onsite Hardware Support with Defective Media Retention for DesignJet HD Pro Scanner
U5AC0E HP 4 year Next Business Day Onsite Hardware Support with Defective Media Retention for DesignJet HD Pro Scanner
U4PS6E HP 5 year Next Business Day Onsite Hardware Support with Defective Media Retention for DesignJet HD Pro Scanner
U1XV4E HP Preventive Maintenance Onsite Services for 2 hour for DesignJet Printers

Supported printers

HP PageWide XL 8000 Printer
HP PageWide XL 5000 Printer series
HP PageWide XL 4000/4500 Printer series
HP DesignJet Z6800 Photo Production Printer
HP DesignJet Z6600 Production Printer
HP DesignJet Z6200 Photo Production Printer
HP DesignJet Z6100 Printer series
HP DesignJet Z5400 PostScript® Printer
HP DesignJet Z5200 Photo Printer
HP DesignJet Z3200 Photo Printer series
HP DesignJet Z3100 Photo Printer series
HP DesignJet Z2100 Photo Printer series
HP DesignJet T7200 Production Printer
HP DesignJet T7100 Printer series
HP DesignJet T3500 Production MFP
HP DesignJet T2530 Multifunction Printer series
HP DesignJet T2500 Multifunction Printer series
HP DesignJet T2300 Multifunction Printer series
HP DesignJet T1530 Printer series
HP DesignJet T1500 Printer series
HP DesignJet T1300 Printer
HP DesignJet T1200 Printer series
HP DesignJet T1120 Printer series
HP DesignJet T1100 Printer series
HP DesignJet T930 Printer series
HP DesignJet T920 Printer series
HP DesignJet T830 Multifunction Printer
HP DesignJet T795 Printer
HP DesignJet T790 Printer series
HP DesignJet T770 Printer series
HP DesignJet T730 Printer
HP DesignJet T610/T620 Printer series
HP DesignJet T520 Printer series
HP DesignJet 5500 Printer series
HP DesignJet 5100 Printer
HP DesignJet 4500/4520 Printer series
HP DesignJet 4000/4020 Printer series
HP DesignJet 1050C/1055CM Printer series
HP DesignJet 510 Printer series
HP DesignJet 500 Printer series

Eco Highlights

ENERGY STAR® qualified; EPEAT® Bronze
Please recycle large-format printing hardware and printing supplies. Find out how at our website
Hp.com/ecosolutions

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[1] Up to 15-mm (0.6-inches) thickness.
[2] HP SmartStream is a professional software solution that supports HP PageWide XL printer series and HP DesignJet Production printers.
[3] Monochrome scanning: A1/D image with black text graphics at 200 dpi; colour scanning: A1/D fully-inked colour image at 200 dpi, 24-bit RGB.
[4] Scanner can be placed above the following HP DesignJet printers: HP DesignJet 500/510/T520/T610/T620/T730/T790/T830/T1100/T1200/T1500/T7100/Z6100 Printer series; HP DesignJet T795/T1300 Printers; HP DesignJet Z2100/Z3100/Z3200 Photo Printer series; HP DesignJet Z5200 Photo Printer; HP DesignJet Z2600/Z5600 PostScript Printer; HP DesignJet Z6200/Z6800 Photo Production Printers; HP DesignJet T7200/Z6600 Production Printers.
[5] Output destinations when copying – such as folders and stackers – are available for the HP PageWide XL 8000 Printer, HP PageWide XL 5000 Printer series, HP DesignJet T7200 Production Printer, HP DesignJet T7100 Printer series, HP DesignJet T3500 Production MFP, HP DesignJet T2500 Multifunction Printer series, HP DesignJet T1500 Printer series, and HP DesignJet T920 Printer series.