HP HD Pro 2 42-in Scanner

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

GROW—Expand your capabilities and opportunities

- Reproduce everything from technical documents to graphics—even damaged originals—with CCD scanning technology.
- Create large-format color and monochrome scans/copies up to 42-inches (1067-mm) 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 13 inches/sec (33 cm/sec) in either color or 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.

OPTIMIZE—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]

For more information, please visit http://www.hp.com/go/designjethdproscanner

[1] Up to 0.6-inches (15-mm) 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; color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB.
[4] Scanner can be placed above printers from the following HP DesignJet printer series: T730/T790/T795/T830/T1300/T1500/T1700/T2300/T5400/T7100/T7200/Z2100/Z3200/Z5200/Z5600/Z6200/Z6/Z9+.
[5] Output destinations when copying—such as folders and stackers—are available for HP PageWide XL 3900/4000/4100/4500/5000/5100/6000/8000 printers, HP DesignJet 5100/T1300/T1500/T1530/T1600/T1700/T2300/T2500/T2530/T2600/T3500/T7100/T7200/T730/T790/T795/T830/T920/T930/Z2100/Z3200/Z5200/Z5400/Z5600/Z6/Z9+/Z6200/Z6610/Z6810 printers, and HP DesignJet XL 3600 printers.

Technical specifications

Scan and copy

Scan speed	Color: up to 13 in/sec Grayscale: up to 13 in/sec[1]
Resolution	1200 dpi
Technology	CCD scanning technology and LED-based illumination system
Accuracy	0.1% ±1 pixel
Data capture (color/mono)	48-bit/16-bit
Scan format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, CALS (B&W), multi-page PDF generation
Scan destinations	File, email, USB, HDD, network folder, FTP, print
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 width	42 in
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 width	44 in
Maximum media thickness	0.6 in

Panel PC

User interface	15.6" (396-mm) large touchscreen to preview and enhance images
Embedded operating system	Windows 10
Processor	Intel Core i7
Memory	4 GB
Hard disk	500 GB

Connectivity

Interfaces	Dual Gigabit Ethernet (1000Base-T), SuperSpeed USB 3.0
Drivers	Windows drivers for compatible HP PageWide XL and HP DesignJet Printers

Dimensions (w x d x h)

Scanner	60 x 37 x 65 in
Shipping	75 x 27 x 31.5 in

Weight

Scanner	157 lb
Shipping	260 lb
What's in the box	HP HD Pro 2 42-in Scanner, stand, touchscreen (panel PC), quick reference guide, media guides, setup poster, copy/scan software, documentation software, Ethernet cable, USB cable, power cords

Environmental ranges

Operating temperature	41 to 95ºF
Operating humidity	20 to 80% RH
Storage temperature	-13 to 131ºF

Acoustics

Sound pressure	48 dB(A) (operating), <22 dB(A) (idle), <22 dB(A) (sleep)
Sound power	6.4 B(A) (operating), <3.9 B(A) (idle), <3.9 B(A) (sleep)

Power

Consumption	130 W (scanning), 39 W (ready), < 1 W (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, China, Korea, India), REACH, EPEAT
Warranty	One-year limited hardware warranty

Ordering information

Product

5EK00A	HP HD Pro 2 42-in Scanner

Accessories

P7V13A	HP Pro Scanner Output Delivery Tray

Service and Support

U4PS5E HP 3 year Next Business Day Onsite Support with DMR
U4PS6E HP 5 year Next Business Day Onsite Support with DMR
U4PS7PE HP 1 year Post Warranty Onsite Support with DMR
U4PS8PE HP 2 year Post Warranty Onsite Support with DMR
U1XV4E HP Preventive Maintenance Service

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Supported printers

HP DesignJet T920 Printer series
HP DesignJet T930 Printer series
HP DesignJet T940 Printer
HP DesignJet T790 Printer series
HP DesignJet T795 Printer
HP DesignJet T1300 PostScript® Printer
HP DesignJet T1500 Printer series
HP DesignJet T1530 Printer series
HP DesignJet T1600 Printer
HP DesignJet T1700 Printer series
HP DesignJet T2500 Multifunction Printer series
HP DesignJet T2530 Multifunction Printer series
HP DesignJet T2600 Multifunction Printer series
HP DesignJet T3500 Production Multifunction Printer
HP DesignJet XL 3600 Multifunction Printer
HP PageWide XL 39x0, 4x00, 5x00, 6x00, 8x00 Printers
HP DesignJet Z6/Z9+ PostScript® Printer series
HP DesignJet Z6/Z9+ Pro Printer series
HP DesignJet Z5200 Photo Printer
HP DesignJet Z5400 PostScript® Printer
HP DesignJet Z5600 PostScript® Printer
HP DesignJet Z6610 Production Printer
HP DesignJet Z6810 Production Printer series

ECO highlights

- ENERGY STAR® qualified and EPEAT registered[1]

Please recycle large-format printing hardware and printing supplies. Find out how at our website: http://www.hp.com/ecosolutions

[1] EPEAT registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

[1] Color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB. Monochrome scanning: A1/D image with black text graphics at 200 dpi.