HP HD Pro 2 42-in Scanner

HP HD Pro 2 Scanner

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



*Product image may differ from actual product

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 33 cm (13 inches/sec) in either colour 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.

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]

Messaging Footnotes

[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 printers from the following HP DesignJet printer series:
T600/T790/T795/T920/T930/T940/T1300/T1500/T1530/T1600/T1700/T2500/T2530/T2600/T3500/XL3600/XL39x0/XL4x00/XL5x00/XL6x00/XL8x00/Z5200/Z5400/Z5600/Z6610/Z6810/Z6/Z9+/Z6 Pro/Z9+ Pro.
[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.

For more information, please visit https://www.hp.com/go/hdpro2scanner

Technical specifications

Scan and copy

Linear scan speed	Colour: up to 33 cm/sec; Greyscale: up to 33 cm/sec[1]
Scan resolution	1200 dpi
Scan accuracy	0.1% ±1 pixel
Scan format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, CALS (black and white), multi-page PDF generation
Scan destinations	File, email, USB, HDD, network folder, FTP, print
Maximum scan width	1067 mm
Scan Size Minimum	152 x 114 mm
Scanner Media Thickness Maximum	15 mm
Technology	CCD scanning technology and LED-based illumination system
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
Data capture (color/mono)	48-bit/16-bit

Media

Applications	Digital fine art; Graphics design; Line drawings; Maps; Orthophotos; Photos; Renderings; Presentations
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.
Maximum media width	1118 mm
Media 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)

Embedded controller

User interface	396 mm (15.6 inch) large touchscreen to preview and enhance images
Embedded operating system	Windows 11
Processor	Intel Core i5
Memory	8 GB
Storage	256 GB

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T), USB 3.1 gen 1 (3+1) and USB 2.0 (1) rear
Drivers	Windows drivers for compatible HP PageWide XL and HP DesignJet Printers

Dimensions (W x D x H)

Product	1530 x 930 x 1660 mm
Shipping	1910 x 680 x 800 mm

Weight

Product	71 kg
Shipping	118 kg

Included

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

Environmental ranges

Operating temperature	5 to 35ºC
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55ºC

Acoustics

Sound pressure	Printing: 48 dB(A) (operating), <22 dB(A) (idle), <22 dB(A) (sleep)
Sound power	Printing: 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

Certifications & Compliance

Safety	EU: LVD and EN 60950-1 compliant; Russia: EAC
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), Russia (EAC)
Environmental	ENERGY STAR, WEEE, RoHS, REACH, EPEAT
Warranty	One-year limited hardware warranty
Country of origin	China(, BCD, ABG, B19, B1K)

Ordering information

Product

5EK00A HP HD Pro 2 42-in Scanner

Accessories

P7V13A HP Pro Scanner Output Delivery Tray

Use Original HP inks and printheads, and HP large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit https://hp.com/go/OriginalHPinks

Service and Support

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

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

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

Specification Footnotes

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

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