



HP PageWide XL scanning solutions

HP offers a complete portfolio of scanning solutions including large-format integrated HP PageWide XL multifunction printers as well as two stand-alone scanners that enable multifunction printing with HP PageWide XL printers. Use this guide to determine which scanning solution is the best fit for your customer.

Help me choose



HP PageWide XL scanning solutions offer large-format integrated HP PageWide XL MFPs as well as two stand-alone scanners that enable print, scan, and copy with HP PageWide XL printers.



Scanning solutions specs comparison	HP PageWide XL 5000 Blueprinter	HP PageWide XL 5000 Multifunction Printer	HP PageWide XL 4000 Multifunction Printer	HP SD Pro 44-in Scanner	HP HD Pro 42-in Scanner
Target customer	Repro houses and large institutes with CRDs that focus on mid-volume production of technical documents	AEC firms, manufacturing, automotive, transportation, infrastructure and mapping, repro houses, and the majority of CRDs	Technical work teams, including architects and engineers, with print corners in enterprise environments; secondary market includes copy shops and small repro houses	Enterprise AEC, manufacturing, automotive, transportation, infrastructure and mapping, repro houses, public sector, and CRDs	GIS, public sector, corporate, graphic design studios, photography, print service providers, repro houses, and AEC firms
General	Scan technology CIS technology (Contact Image Sensor)—integrated design with all scan components combined into a single module for your everyday documents and maps			Scan technology CIS technology based on custom CIS modules with dual-sided LED light and dual diffusion—provides crisp text and lines and fast scanning without fringing and eliminates unwanted shadows and backgrounds	
	Applications Recommended for technical documents, maps, office graphics, and translucent prints and digital blueprints			Applications Technical documents, maps, office graphics, and translucent prints and digital blueprints	
	Optical resolution 1200 dpi			Optical resolution 1200 dpi (enhanced resolution of 9600 dpi)	
	Supported files format Standard: JPEG, TIFF / Optional: PDF, multi-page PDF (with PS/PDF upgrade)			Supported files format Standard: PDF, TIFF, JPEG, JPEG2000, DWF, CALS (B&W); multi-page PDF generation	
	Scan destination USB, network folder (SMB), scan to email and to HP SmartStream software			Scan destination USB, network folder (SMB), scan to email, to HP SmartStream software, and to HDD	
	Different-heights adjustable stand —			Different-heights adjustable stand ✓	
Productivity	Scan speed at 200 dpi Color: 7.62 cm/sec (3 in/sec) Grayscale: 25.4 cm/sec (10 in/sec)			Scan speed at 200 dpi Color: 15 cm/sec (6 in/sec) Grayscale: 33 cm/sec (13 in/sec)	
	Copier settings Print mode, output size, paper type, number of copies, page order, printer output destination (folder, stacker, bin), ¹ folding style selection, ² reprint, and sleep timers			Copier settings Print mode, output size, paper type, number of copies, page order, collate, printer output destination (folder, stacker, bin), ¹ folding style selection, ² reprint, invert, mirror, and sleep timers	
	Batch, available with scan and copy	✓	✓	✓	✓
	Preview	✓	✓	✓	✓
	Crop, rotate, area selection	—	—	✓	✓
	Paneling, tiling, nesting	—	—	✓	✓
	Synchronous printing ³	—	—	✓	✓
	HP Partner Link support	✓	✓	—	—
	File manager	—	—	✓	✓
Media	Maximum scan width	914 mm (36 in)		1118 mm (44 in)	1067 mm (42 in)
	Maximum scan size ⁴	0.91 x 11.9 m (36 x 472 in) 0.6 x 17.9 m (24 x 708 in) 0.3 x 29.9 m (12 x 1181 in)		0.91 x 26 m (36 x 1204 in) 0.6 x 37.9 m (24 x 1491 in) 0.3 x 75.8 m (12 x 2991 in)	
	Maximum media width	991 mm (39 in)		1168 mm (46 in)	1118 mm (44 in)
	Maximum media thickness	Up to 0.26 mm (0.01 in)		Up to 2 mm (0.08 in)	Up to 15 mm (0.6 in)
	Media handling	Face-up, front entry, front exit, rewind to front			Face-up, front entry, rear exit, rewind to front
Embedded controller	Scanner memory	8 GB DDR3; 1x 500 GB HDD, self-encrypted with AES-256			4 GB ⁵ memory; 500 GB ⁶ hard disk
	User interface	203-mm (8-inch) capacitive touchscreen			396-mm (15.6-inch) capacitive touchscreen
	Processor	Intel Core i3			Intel Core i7
Ease of use	All-in-one preview (with tabs)	—	—	✓	✓
	Quicksets	✓	✓	✓	✓
	Email active directory (LDAP)	✓	✓	—	—
Security features	Firewalls	✓	✓	✓	✓
	Protection against virus attack ⁷	✓	✓	✓	✓
	Disable FTP, web access, and USB	✓	✓	✓	✓
	Common Access Card (CAC)	✓	✓	—	—
Certification	Environmental	ENERGY STAR, EPEAT Silver, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine			ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze

¹ Output destinations when copying—such as folders and stackers—available for the HP PageWide XL 8000 Printer, HP PageWide XL 5000 Printer series, HP DesignJet T7200 Production Printer, HP DesignJet T7100 Printer, HP DesignJet T3500 Production MFP, HP DesignJet T2500 Multifunction Printer series, HP DesignJet T1500 Printer series, and HP DesignJet T920 Printer series.

² Only available when folder accessory is available and supported by the HP large-format printer.

³ Ability to print simultaneously to up to 3 printers.

⁴ The HP HD Pro 42-in Scanner maximum scan length is 21.6 m (852 in) for a 42-in width image. The HP SD Pro 44-in Scanner maximum scan length is 20.6 m (813 in) for a 44-in width image. The maximum scan size is measured using a color original at 200 dpi and TIFF file format. For grayscale or black-and-white originals, the maximum scan length is longer in all cases.

⁵ Scanning process.

⁶ For scan job storage, Win70S and recovery system.

⁷ Closed system. Antivirus not needed.

