Scan only

HP ScanJet Pro 4500 fn1 Network Scanner

Get fast two-sided scanning with a network scanner recommended for 4,000 sheets per day. Digital sending is easy from the touchscreen via wireless network or Wi-Fi Direct. Send scans to mobile devices using the HP JetAdvantage Capture app.[1]

Robust digital sending—even to mobile devices
- Send scans right from the scanner to email, network folders, or a PC via a gigabit Ethernet connection.[2]
- Scan directly to mobile devices with the HP JetAdvantage Capture app, then edit and save files.[1]
- Remotely monitor and manage jobs, and enable security settings with the embedded web server.
- Send scans through the network with security protocols and to mobile devices via Wi-Fi Direct.[1]

Fast, smooth scanning—every page
- Produce up to 60 images (30 pages) per minute[3] with two-sided scanning—recommended for 4,000 sheets per day.
- Capture every page easily—even for stacks of mixed media—with HP EveryPage and an ultrasonic sensor.[4]
- Scan documents up to 21.6 x 309.9 cm (8.5 x 122 in) through the ADF, and use the flatbed for bulky media.
- Enjoy robust capabilities—including network and flatbed scanning—in a small device perfect for the desktop.

Customized scanning for streamlined workflows
- Scan images directly into applications with included and full-featured Kofax VRS Pro®, TWAIN, and ISIS®.
- Define scan profiles for common document types, and scan to multiple destinations with HP Scan software.
- Accurately capture text from documents for easy editing with HP Scan and I.R.I.S. Readiris™ Pro OCR software.
- Capture and organize documents, business cards, and other file types with feature-rich software.

Technical specifications

Scan technology	CMOS CIS (Contact Image Sensor)
Scan type	Flatbed, ADF; **Colour scanning:** Yes
Scan speed ADF (letter)¹	Up to 30 ppm/60 ipm
Task speed	OCR A4 (8.5 x 11 in) text page (ADF, 300 dpi, Colour, RTF): 6.51 sec for single image scan. 4.45 sec for single image save; A4 (8.5 x 11 in) to e-mail (ADF, 300 dpi, Colour, PDF): 6.43 sec for single image scan. 1.56 sec for single image send; OCR A4 (8.5 x 11 in) text page (Flatbed, 300 dpi, Colour, RTF): 7.89 sec for single image scan. 4.43 sec for single image save; A4 (8.5 x 11 in) to e-mail (Flatbed, 300 dpi, Colour, PDF): 7.89 sec for single image scan. 1.39 sec for single image send. [4 x 6-in is not supported. Slides to file and negative to file are not supported]
Preview speed	Up to 8.33 sec, single image scan. (Low resolution preview scan of the whole scanner bed [Flatbed, Entire Scan Area, Colour, 75 dpi])
Scan resolution	**Hardware:** Up to 600 x 600 dpi (colour and mono, ADF); Up to 1200 x 1200 dpi (colour and mono, flatbed); **Optical:** Up to 600 x 600 dpi (colour and mono, ADF); Up to 1200 x 1200 dpi (colour and mono, flatbed)
Scan file format	For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF
Scan input modes	Scan front-panel function for Save as PDF, Save as JPEG, E-mail as PDF, E-mail as JPEG, Send to Cloud, Everyday Scan and Save as Editable Text (OCR). HP Scan in Win OS, HP Easy Scan/ICA in Mac OS and third parties applications via TWAIN
Scanner advanced features	Blank page removal; Auto orientation; Auto colour detect; Auto crop; Auto exposure; Hole removal; Straighten content; Erase edges; Clean up background; Auto threshold; Colour drop out; OCR
Light source (scanning)	Light Emitting Diode (LED)
Multi Feed detection	Yes
Energy star qualified	Yes
Output resolution Dpi setting	75; 150; 200; 240; 300; 400; 500; 600; and 1200 ppi
Bit depth/Grayscale levels	24-bit; **Grayscale Levels:** 256
Digital sending features	Scan to email; Scan to PC; Scan to Network
Duplex ADF scanning	Yes
Scanning options (ADF)	Single pass E-Duplex
Scan size	**ADF:** 216 x 3100 mm (8.5 x 122 in); **Flatbed:** 216 x 356 mm (8.5 x 14 in)
Media types	Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)
Media size (ADF)	Letter; Legal; Executive; A4; A5; A6; B5; B5 (JIS)
Media weight (ADF)	45 to 120 g/m² (12 to 32 lb)
Automatic document feeder	Standard, 50 sheets (75 g/m² paper)
Duty cycle (daily)	4,000 pages (ADF), 100 pages (Flatbed)
Connectivity (standard)	USB 3.0 (Super Speed); Built-in Fast Ethernet 10/100/1000Base-TX network port
Network ready	Build-in Ethernet, Wi-Fi 802.11 b/g/n
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Web Services; Discovery: Bonjour, Web Services Discovery; IP Config: IPv4 (DHCP, Manual), IPv6 (DHCPv6); Management: HTTPS, HTTP
Memory	1 GB
Processor speed	550 MHz
Display	7.11-cm (2.8-in) Touchscreen
Control panel	7.11-cm (2.8-in) Touchscreen, Buttons (Back, Home, Help)
Image scaling or enlargement range	Will not perform any arbitrary scaling
Twain version	TWAIN Certified. Version 2.1
Software included	HP Scanner Device Driver; HP WIA scan driver; HP TWAIN scan driver; HP Scan; HP Scanner Tools Utility; HP Windows Installer; I.R.I.S. Readiris Pro; I.R.I.S. Cardiris; Nuance PaperPort; ISIS driver; Kofax VRS; DXP
Compatible operating systems	Win 7 or higher; Mac: OS X El Capitan 10.11
Minimum system requirements	**PC:** Windows 7 or higher; 2 GHz processor, 2 GB RAM, 170 MB hard disk space (driver-only install); USB 2.0, 1024 x 768 SVGA monitor; **Mac:** Mac OS X El Capitan 10.11; 1 GB available hard disk space, USB or Ethernet port
Operating environment	**Operating humidity range:** 15 to 80% RH (non-condensing); **Non-operating humidity range:** 0 to 90% RH (non-condensing); **Recommended humidity operating range:** 15 to 80% RH (non-condensing); **Operating temperature range:** 10 to 35° C (50 to 95° F); **Storage temperature range:** -40 to 60° C (-40 to 140° F); **Recommended operating temperature range:** 10 to 35° C (50 to 95° F)
Power	**Power supply type:** External power adapter; **Power consumption:** 6.11 watts (Ready), 1.35 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Off); **Power requirements:** Input Voltage: 100 to 240 VAC
Acoustics	**Acoustic power emissions:** 6.3 B(A)
Dimensions (W x D x H)	520 x 387 x 145 mm (20.5 x 15.2 x 5.7 in)
Weight	5.98 kg (13.2 lb)
What's in the box	HP ScanJet Pro 4500 fn1 Network Scanner; Install guide; HP Scan Software & Driver CD; HP Bonus Pack Software CD; Supporting flyers; Cushions; USB cable; Power adaptor; Power cords
Warranty	One-year limited hardware warranty, phone and Web support included. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region
Electromagnetic emission standard	Class B Emissions; CISPR 22:2008 (International); European Union EMC Directive 2004/108/EC, EN 55022:2010 (CE mark); China GB9254-2008 (CCC); Taiwan CNS13438:2006 (BSMI); USA CFR47 Part 15, Subpart B (FCC); ICES-003:2012 Issue 5 (Canada); Australia C-tick (includes New Zealand); KN 22 and Korea KCC; EAC EMC Certificate; Ukraine EMC approval; EN 61000-3-2:2014 (harmonics); EN 61000-3-3:2013 (flicker); Immunity CISPR 24:2010, EN 50024:2010
Safety approvals and requirements	IEC 60950-1:2005 +A1 and all applicable amendments; CSA/UL 60950-1, 2nd edition (2007); EN 60950-1:2006 +A11 +A1 +A12+A2; EAC safety; Canada cUL CoC; China CCC; European Union CE; Kenya PVOC; Kuwait TER; Nigeria SON; Saudi Arabia SASO; South Africa NRCS; Taiwan BSMI; Ukraine safety approval
Accessories	HP ScanJet Pro 4500 fn1 ADF Roller Replacement Kit L2750A

Ordering information

¹ Actual speeds may vary depending on scan resolution, connectivity type, computer performance and application software.

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