HP Scanjet 7650n
Networked Document Flatbed Scanner
Datasheet

Get easy, fast and secure network scanning for workgroups

- Easily integrate a secure scanning solution into your existing network—no PC required
- Get an easy-to-use, versatile scanning and sending solution in one system
- Enjoy increased productivity—scan 50 pages, unattended, at up to 12 ppm and send files directly to any network location

Add a secure scanning system to your network—no PC required

- Bypass the computer—transfer scans to any network location—no PC required.
- Seamlessly integrate into any existing networks supporting TCP/IP.
- Send scanned files directly to e-mail, FTP, URL, Web browsers, printers and more.
- Safely transfer scans—security features such as SMTP and LDAP authentication protect your digital files.
- Set up and initiate the network document server with an easy-to-use Web interface.

Get an easy-to-use scanning and sending solution.

- Get a fully networked scanning and sending solution—a scanner and document server—with one system.
- Customize scan and sending profiles, using any networked PC, and access them with the touch of a button.
- Quickly and easily convert documents into digital formats—PDF, JPEG, TIFF and more—without a PC.

Increase productivity with fast, reliable scanning

- Achieve fast, unattended scanning at up to 12 ppm—6 ipm, two-sided—using a 50-page automatic document feeder.
- Deliver clear scans of 3-D objects and more, using a flatbed scanner with HP dual-sensor CCD technology.
- Save time with an easy-to-use, centrally located scanner that can be networked for multiple users.
- Scan books, ledgers, notes and more, using the flatbed scanner.

HP Scanjet 7650n Networked Document Flatbed Scanner

Technical specifications	HP PC Connect (not networked via AXIS 70U network server)[1]	Network Connect with AXIS 70U[1]
Scanner type	Flatbed	
Scan technology	Charge Coupled Device (CCD), Light source : Xenon fluorescent lamp	
Sending Features	Not applicable	Send-to-E-mail (SMTP), Send-to-File (FTP active/passive), Send-to-Web browser (HTTP), Send-to-URL (SMTP and FTP), Send-to-Print (LPD and Raw TCP)
Automatic document feeder (ADF) capacity	50 sheets	
ADF Scan speed[2]	Up to 12 ppm, up to 6 ipm	
ADF paper size support	Legal, letter, A4, custom	
Remote Front Panel Software	Yes	
Preview speed[2]	Up to 6 sec	
Scan input modes	Front-panel: Scan document, Scan photo, File documents, E-mail, Copy center; HP Photosmart software; user application via TWAIN; automatic document feeder; transparent materials adapter (scanning 35 mm negatives and slides)	Scan from flatbed or ADF using pre-configured or custom profiles from AXIS 70U front panel or AXIS Web User Interface.
Output resolution dpi settings	75, 100, 150, 200, 300, 400, 600	
Scan resolution[3]	Hardware: 2400 x 2400 dpi, Optical: Up to 2400 dpi	
Color bit depth/Grayscale levels	Bit depth: 48-bit; Grayscale: 256	
Image scaling or enlargement range	10 to 2000 percent in 1 percent increments	
Document scan size	Maximum: 8.5 x 14 in (21.6 x 35.6 cm), Minimum: 3.5 x 5 in (127 x 88.9 mm)	
Document weight	Maximum: 90 g/m2, Minimum: 60 g/m2	
Media types	Paper (inkjet, photo, plain), envelopes, labels, cards (business, greeting, index), 3-D objects	
Control panel buttons	5 front-panel buttons (Copy, E-mail, File document, Scan document, Scan photo)	7 process/navigation buttons (cancel, send, up, down, select, menu, add page)
File formats	Windows: BMP, JPEG, GIF, TIFF, TIFF compressed, PNG, PCX, Flashpix (FPX), PDF, PDF searchable, RTF, HTM, TXT; Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text	PDF, TIFF
Minimum system requirements	PC: Microsoft Windows XP, XP x64, 2000: 500 MHz processor, 256 MB RAM, 450 MB available hard disk space, USB port, CD-ROM drive, 800 x 600 SVGA monitor, 16-bit color, Microsoft Windows Internet Explorer 6; Windows Vista, Vista x64: 800 MHz processor, 512 MB RAM, 450 MB available hard disk space, CD-ROM drive, 800 x 600 SVGA monitor, DirectX 9 capable graphics, Microsoft Windows Internet Explorer 7 Mac: Macintosh computer with built-in USB; 128 MB of physical RAM; Mac OS X v 10.2 and later; 250 MB disk space required to install; CD-ROM drive; 800 x 600 SVGA monitor; USB port	Minimum Web browser requirements (for server configuration): Netscape Communicator 4.0 and higher, Microsoft internet Explorer and higher, Other compatible browsers
Connectivity		
Interfaces	Hi-Speed USB (compatible with USB 2.0 specifications)	IEEE 802.2, IEEE 802.3, SNAP, Ethernet II frame types simultaneously
Operating systems	Certified for Windows Vista(TM); Windows XP Home; Windows XP Professional; Windows XP Professional x64; Windows 2000; Mac OS X v 10.2 or higher	Not applicable
Network protocols	Not applicable	HTTP, IP, FTP, SMTP, TCP, LPD, Raw TCP/IP, ARP, RARP, BOOTP, DHCP, ICMP, SNMP, UDP, LDAP v.1 et v.3, NTP, WINS, SMB
LDAP servers	Not applicable	Microsoft Exchange 2003/5.x, 2000 (multiple containers are supported); Lotus cc:mail 3.2, Domino; Novell GroupWise 5.2, 5.5, 6.5; Netscape iPlanet; OpenLDAP
Security	NT Domain authentication	NT Domain authentication, SMTP authentication for outgoing email, and LDAP user validation
Supported mail servers	Not applicable	Microsoft Exchange, Sendmail, Lotus Notes, Novell Groupwise, Compatible SMTP mail servers
Dimensions (W by D by H)	19.21 x 13.39 x 6.38 in (488 x 340 x 162 mm)	
Weight	12.6 lb (5.73 kg)	
What's in the box	HP Scanjet 7650n Network Document Flatbed Scanner, AXIS 70U Document Server with user manual, automatic document feeder (ADF), ADF cleaning cloth, Hi-Speed USB cable (compatible with USB 2.0 specifications), power supply and power cord(s), CD-ROM(s) with software for Microsoft Windows and Macintosh, User's Manual, Setup Guide , Transparent Media Adapter	

Operating environment

Maximum operating temperature	41 to 104 degrees F (5 to 40 degrees C)
Recommended temperature	50 to 95 degrees F (10 to 35 degrees C)
Recommended operating humidity	15 to 85%
Power specifications[4]	External power adapter, 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3%), 24 VDC, 1500 mA
Power consumption	36 watts maximum
Warranty	One year, limited hardware warranty, one-year free phone support

Ordering information

Product
HP Scanjet 7650n Networked Document Flatbed Scanner   L1942A

[1] Specifications and features differ when using the scanner as a PC-only connected device (the scanner is not connected to the AXIS 70U network server) vs. as a network scanner connected to the AXIS 70U network server

[2] Scan speed: tests performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000

[3] The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors

[3] Power requirements are based on the country or region where the product is sold. Do not convert operating voltages or use with other voltages. Doing so might cause damage that would not be covered under HP's product warranty.

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