



Fast, high-quality scans at up to 12 ppm (6 ipm duplex) unattended using an automatic document feeder that holds up to 50 pages. Warms up quickly—preview scans in about six seconds. Document management software, ISIS and TWAIN drivers included.



Fast document scanning

- Fast unattended scanning—up to 12 pages per minute simplex (up to 6 ipm duplex) using automatic document feeder.
- Preview scans within about six seconds. Initiate high-quality scans quickly with fast warm-ups.
- Easy setup and fast data transfer using Hi-Speed—compatible with 2.0 specifications.

Professional and versatile

- High quality scans at 2400-dpi optical resolution and 48-bit color produce professional results.
- Scan articles, books and thick files—even 3-D objects using adjustable lid.
- Scan legal-size documents in simplex mode using an automatic document feeder.
- Scan more with an included 35 mm slide and negative adapter.

Office document management

- Efficient document management—easily organize digital document files with included software package.
- Seamlessly integrate into existing software and optimize scan speeds using ISIS® and TWAIN drivers.
- Easily scan, crop, restore, edit, and incorporate images using included image editing software.

Intuitive and productive

- One-touch function buttons scan documents, copy, scan to PDF files, e-mail, and scan images.
- High capacity automatic document feeder holds up to 50 pages for unattended scanning.
- Save desk space with a landscape orientation that takes up less room and fits easily on a shelf.

HP Scanjet 7650 Document Flatbed Scanner

Datasheet

Scanner type	Flatbed
Scan technology	Charge Coupled Device (CCD)
Control panel	5-button front panel: Scan document, Scan photo, File documents, E-mail, Copy
Scan input modes	Front-panel: Scan document, Scan photo, File documents, E-mail, Copy center; HP Image Zone software; user application via TWAIN; automatic document feeder (ADF); slide and negative adapter (transparent materials adapter (TMA)) for scanning 35 mm slides and negatives
Automatic document feeder	ADF capacity Standard, 50 sheets; Paper sizes supported: Letter, A4, A5, custom, legal (legal size in simplex mode only); Scan speed Up to 12 ppm ¹ , 6 ipm (duplex)
Scan resolution	Hardware 2400 x 2400 dpi ² ; Optical 2400 dpi; Enhanced 12 dpi to 999999 enhanced dpi
Color bit depth/Grayscale levels	Bit depth 48 bit; Grayscale 256
Preview speed	As little as 6 sec ¹
Task speed	Less than 15 sec: 4 x 6-in color photo into Microsoft Word; less than 33 sec: OCR a full page of text into Microsoft Word; less than 18 sec: e-mail photo ¹
Image scaling or enlargement range	10 to 2000% in 1% increments
Maximum document scan size	8.5 x 14 in
Media types	Paper (plain, inkjet, photo), envelopes, labels, cards (index, greeting), 3-D objects, 35 mm slides and negatives (using transparent materials adapter), iron-on transfers, banner paper
File formats	Windows: TIFF, TIFF compressed, Bitmap, DCX, PCS, JPEG, GIF, FlaxhPix, Plain Text, PDF, HTML, Rich Text; Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text
Connectivity	Hi-speed USB (compatible with USB 2.0 specifications)

¹ Scan speed: tests performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.

² The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors.

Minimum system requirements

For Macintosh systems 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

For PC systems Pentium® III 500 MHz or equivalent Celeron® processor; Microsoft® Windows® 98, 98 SE, Me, 2000, XP (Professional and Home Editions); 128 MB RAM; 550 MB hard disk space; CD-ROM drive; 800 x 600 SVGA monitor; USB port; IE 5.01 with Service Pack 2

For all systems: USB port, CD-ROM drive, SVGA monitor (800 x 600, 16-bit color)

Operating environment

Maximum operating temperature centigrade 5 to 40° C; **Maximum operating temperature fahrenheit** 41 to 104° F; **Recommended operating temperature centigrade** 10 to 35° C; **Recommended operating temperature fahrenheit** 50 to 95° F; **Storage temperature centigrade** -40 to 70° C; **Storage temperature fahrenheit** -40 to 158° F; **Recommended operating humidity range** 15 to 85% RH; **Non-operating humidity range** 0 to 90% RH

Electromagnetic compatibility

EU (CE certification of conformity), North America (FCC), Australia (SMA), New Zealand (SMA), Russia (GOST), Korea (MIC), Taiwan (BSMI)

Safety

EU (IEC 60950 third edition compliant, Third-Party Safety Certification), North America (Nationally-Recognized Testing Laboratories), Poland (PCBC), Russia (GOST)

Power supply

100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 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.

Dimensions (w x d x h)/weight

Dimensions U.S. 19.21 x 13.39 x 6.38 in; **Dimensions metric** 488 x 340 x 162 mm; **Weight U.S.** 12.6 lb; **Weight metric** 5.73 kg

Warranty

One-year limited hardware warranty; one-year free phone support

Ordering information

What's in the box?

- HP Scanjet 7650 Document Flatbed Scanner
- Automatic document feeder (ADF)
- Slide and negative adapter (Transparent materials adapter TMA) for scanning 35mm slides and negatives and template kit
- Hi-speed USB cable—compliant to USB 2.0 specifications
- Power supply and power cord
- User's manual (includes TMA instructions)
- Setup poster
- Warranty sheet
- CD-ROM(s) with software:
 - HP Image Zone Software with HP Instant Share service
 - Pixel Translations ISIS and TWAIN drivers (Windows 98 SE, Me, 2000, and XP only)
 - Adobe PhotoShop® Elements
 - I.R.I.S. Readiris Pro
 - NewSoft Presto! PageManager (Macintosh only)
 - ScanSoft PaperPort Deluxe (Windows 98 SE, Me, 2000, and XP only)
 - ScanSoft OmniForm (Windows 98 SE, Me, 2000, and XP only)
 - Pixel Translations QuickScan Pro Demo (Windows only)

HP Product

HP Scanjet 7650 Document Flatbed Scanner

Part Number

L1940A



Product Number: L1940A

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