HP Scanjet 5590 Digital Flatbed Scanner

Save time and increase efficiency with auto two-sided , multiple page scanning.

Scan resolution: 2400 x 2400 dpi[1], 48 bit color depth, 256 grayscale levels
Scan speed Preview mode: Up to 7 sec[2]
Scan media types: Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index), 3-D objects, 35 mm slides and negatives (using transparent materials adapter), iron-on transfers
Enlargement range: 10 to 2000% in 1% increments
Features: 50 sheet Automatic document feeder (two-sided), Transparent materials adapter: scans three slides or four 35 mm negative frames

Two-sided, multi-page scans

- Unattended two-sided, multi-page scanning with included automatic document feeder.

Fast

- Scan up to 8 pages—or 4 images—per minute and preview scans in about 7 seconds.
- Scan, copy, print, e-mail, and more—many features available using one-touch buttons.
- Plug and play using Hi-Speed USB-compatible with USB 2.0 specifications.
- Scan and e-mail photos and documents—no slow downloads or large attachments.

Easy document management

- Scan documents with existing data management systems or included software.
- Choose copy quantity, settings, and more using convenient copy center buttons.

Professional results

- High resolution scanning at 2400 dpi optical resolution and 48-bit color.
- Easy to learn and use software for graphic arts and digital photography projects.

Scan more

- Scan slides and negatives with adapter, plus scan books, documents, 3-D objects, and more.

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

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

Technical specifications

Scan Type	Flatbed, ADF
Scan Technology	Charge coupled device (CCD), **Light source:** Xenon fluorescent lamp
Control Panel	5-button front panel: Scan document, Scan photo, File documents, E-mail, Copy center
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)
Automatic Document Feeder	**Capacity:** 50 sheets, **Paper sizes:** Legal, letter, A4, custom
Transparent Materials Adapter	Included, Satellite; three slides or four 35 mm negative frames
Scan Resolution	**Hardware:** 2400 x 2400 dpi, **Optical:** Up to 2400 dpi **Enhanced:**[1] Up to 999999 dpi
Color bit depth/Grayscale levels	48-bit/256
Preview Mode	Up to 7 sec[2]
Task Speed	Less than 24 sec: 4 x 6-in color photo into Microsoft Word; less than 36 sec: OCR a full page of text into Microsoft Word; less than 18 sec: e-mail photo
Enlargement Range	10 to 2000% in 1% increments
Scan Size Maximum	**Maximum:** 8.5 x 11 in, **Maximum (ADF):** 8.5 x 14 in (one-sided); 8.5 x 12 in (two-sided) **Minimum (ADF):** 3.5 x 5 in (one-sided); 5 x 9 in (two-sided)
Media Types	Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index), 3-D objects, 35 mm slides and negatives (using transparent materials adapter), iron-on transfers
Photographic Format Types	35 mm film strips, mounted slides, photos up to 8 x 11 in
Scan 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
Control Panel	5 front-panel buttons (Copy, E-mail, File document, Scan document, Scan photo)
Standard Connectivity	Hi-Speed USB - compatible with USB 2.0 specifications
Compatible Operating System	Windows 2000; Windows XP Home; Windows XP Professional; Windows XP Professional x64; Certified for Windows Vista(R); Mac OS X v 10.2.x or higher
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:** Mac OS X v 10.2 or higher: PowerPC G3, G4 and G5 processor, Intel Core processor; 128 MB RAM; 240 MB hard disk available; Mac OS X v 10.5: PowerPC G4, G5, or Intel Core Processor; 512 MB RAM; 7 GB hard disk available
Temperature	**Maximum Operating:** 41 to 104° F (5 to 40° C); **Recommended Operating:** 50 to 95° F (10 to 35° C); **Storage Range:** -40 to 158° F (-40 to 70° C)
Humidity	**Operating:** 15 to 85% RH; **Storage:** 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 Type	External power adapter
Power Features Description	100 to 240 VAC, 50/60 Hz, 24 VDC, 1500 mA
Power Consumption (maximum)	36 watts maximum
Power Supply Required	100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3%)
Dimensions (w x d x h)/weight	19.21 x 13.39 x 6.38 in (488 x 340 x 162 mm)/12.6 lb (5.73 kg)
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week phone support
What's in the box?	HP Scanjet 5590 digital flatbed scanner, Hi-Speed USB cable—compatible with USB 2.0 specifications, power cable, power supply (where applicable), automatic document feeder (ADF), ADF cleaning cloth, transparent materials adapter (TMA) for scanning slides and negatives, TMA instruction sheet, user's manual, setup poster, warranty sheet, CD-ROM(s) with software for Microsoft Windows and Macintosh: hp photo & imaging software with hp memories disc creator & hp instant share, Integrated I.R.I.S. Readiris OCR, NewSoft Presto! PageManager 7, hp commercial scanjet 5590 TWAIN, (Windows only)
Service and support	HP 3-year Next business day Exchange Service, UH260E

For more information visit our website at www.hp.com

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HP Product	Part Number
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