



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

**Scan resolution:** 2400 x 2400 dpi<sup>1</sup>, 48 bit color depth, 256 grayscale levels

**Scan speed Preview mode:** Up to 7 sec<sup>2</sup>

**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.

<sup>1</sup>The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors.

<sup>2</sup>Scan speed: tests performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.

### Technical specifications

<b>Scan Type</b>	Flatbed, ADF
<b>Scan Technology</b>	Charge coupled device (CCD), <b>Light source:</b> Xenon fluorescent lamp
<b>Control Panel</b>	5-button front panel: Scan document, Scan photo, File documents, E-mail, Copy center
<b>Scan Input Modes</b>	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)
<b>Automatic Document Feeder</b>	<b>Capacity:</b> 50 sheets, <b>Paper sizes:</b> Legal, letter, A4, custom
<b>Transparent Materials Adapter</b>	Included, Satellite; three slides or four 35 mm negative frames
<b>Scan Resolution</b>	<b>Hardware:</b> 2400 x 2400 dpi, <b>Optical:</b> Up to 2400 dpi <b>Enhanced:</b> Up to 999999 dpi
<b>Color bit depth/Grayscale levels</b>	48-bit/256
<b>Preview Mode</b>	Up to 7 sec <sup>2</sup>
<b>Task Speed</b>	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
<b>Enlargement Range</b>	10 to 2000% in 1% increments
<b>Scan Size Maximum</b>	<b>Maximum:</b> 8.5 x 11 in, <b>Maximum (ADF):</b> 8.5 x 14 in (one-sided); 8.5 x 12 in (two-sided) <b>Minimum (ADF):</b> 3.5 x 5 in (one-sided); 5 x 9 in (two-sided)
<b>Media Types</b>	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
<b>Photographic Format Types</b>	35 mm film strips, mounted slides, photos up to 8 x 11 in
<b>Scan File Formats</b>	<b>Windows:</b> BMP, JPEG, GIF, TIFF, TIFF compressed, PNG, PCX, Flashpix (FPX), PDF, PDF searchable, RTF, HTM, TXT; <b>Macintosh:</b> TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text
<b>Control Panel</b>	5 front-panel buttons (Copy, E-mail, File document, Scan document, Scan photo)
<b>Standard Connectivity</b>	Hi-Speed USB - compatible with USB 2.0 specifications
<b>Compatible Operating System</b>	Microsoft® Windows® 7 ready, <sup>3</sup> Windows Vista®, Windows® XP, Windows® XP x64, Windows® 2000, Mac OS X v10.3.9, 10.4.11, 10.5, 10.6
<b>Minimum System Requirements</b>	<b>PC:</b> Microsoft® Windows® 7 ready, <sup>3</sup> Windows Vista®: 1.3 GHz processor, 1 GB RAM (2 GB for 64-bit); Windows® XP: 1.3 GHz processor, 512 MB RAM (1 GB for 64-bit); Windows® 2000: 800 MHz processor, 256 MB RAM, for all systems: 450 MB available hard disk space (additional 500 MB and Hi-Speed USB 2.0 port recommended for extensive ADF use), CD-ROM drive, 800 x 600 SVGA monitor, 16-bit color; <b>Mac:</b> Mac OS X v10.2, 10.3, 10.4: PowerPC G3, G4, G5, or Intel Core processor, 128 MB RAM, 240 MB available hard disk space; Mac OS X v10.5: PowerPC G4, G5, or Intel Core processor, 512 MB RAM, 7 GB available hard disk space; Mac OS X v10.6 (available on HP.com): Intel Core processor, 1 GB RAM, 25 MB available hard disk space.
<b>Temperature</b>	<b>Maximum Operating:</b> 41 to 104° F (5 to 40° C); <b>Recommended Operating:</b> 50 to 95° F (10 to 35° C); <b>Storage Range:</b> -40 to 158° F (-40 to 70° C)
<b>Humidity</b>	<b>Operating:</b> 15 to 85% RH; <b>Storage:</b> 0 to 90% RH

<b>Electromagnetic compatibility</b>	EU (CE certification of conformity), North America (FCC), Australia (SMA), New Zealand (SMA), Russia (GOST), Korea (MIC), Taiwan (BSMI)
<b>Safety</b>	EU (IEC 60950 Third Edition Compliant, Third-Party Safety Certification), North America (Nationally-Recognized Testing Laboratories), Poland (PCBC), Russia (GOST)
<b>Power Supply Type</b>	External power adapter
<b>Power Features Description</b>	100 to 240 VAC, 50/60 Hz, 24 VDC, 1500 mA
<b>Power Consumption (maximum)</b>	36 watts maximum
<b>Power Supply Required</b>	100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3%)
<b>Dimensions (w x d x h)/weight</b>	19.21 x 13.39 x 6.38 in (488 x 340 x 162 mm)/12.6 lb (5.73 kg)
<b>Warranty</b>	One-year limited hardware warranty; 24-hour, 7 days a week phone support
<b>What's in the box?</b>	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)
<b>Service and support</b>	HP 3-year Next Business Day Exchange Service, UH260E HP 1-year Post Warranty Next Business Day Exchange Service, UH359PE HP 1-year Post Warranty Phone Support, HC126PE

**HP Product**  
HP Scanjet 5590 Digital Flatbed Scanner

**Part Number**  
L1910A

ENERGY STAR® qualified models; see: <http://www.hp.com/go/energystar>

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<sup>2</sup>Scan speed: tests performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.

<sup>3</sup>For more information go to <http://www.hp.com/go/Windows7>. Some features may not be available.

