hp scanjet 3970
digital flatbed
scanner

datasheet

With the HP Scanjet 3970 digital flatbed scanner you will enjoy photo-quality results and crisp text at 2400-dpi optical resolution and 48-bit color. Scan photos, negatives and slides, and even 3-D objects—using the built-in transparent materials adapter. Using the convenient one-touch buttons and HP Instant Share™, you can quickly scan, copy, print and share memories with family and friends. And just plug and play—connecting the scanner to a PC or Macintosh® is fast and easy using Hi-Speed USB (compatible with USB 2.0 specifications).

photo-quality results

- 2400-dpi optical resolution and 48-bit color for impressive photo quality and crisp text

scan more

- capture scans from negatives and slides using the built-in transparent materials adapter

fast and easy

- convenient one-touch buttons and hp instant share™ enable you to easily scan, copy, print, and share memories with family and friends
- hp photo & imaging software is so easy to learn and use, and it works with the latest hp imaging products

variety

- scan photos, slides and negatives—even 3-D objects!
- create personalized digital slide shows on CD with hp memories disc creator software

quick connection

- Hi-Speed USB (compatible with USB 2.0 specifications) quickly connects the scanner to a PC or Macintosh® computer

hp scanjet 3970 digital flatbed scanner

technical specifications

Scanner Type
flatbed

Scan Input Modes
front-panel scan, copy, HP Instant Share™, hp photo & imaging software, transparent materials adapter (TMA)

Image Technology
charge coupled device (CCD)

Scan Resolution
hardware: 2400 x 2400 dpi
optical: 2400 dpi
enhanced: up to 999,999- enhanced dpi*
*maximum dpi at which you can scan is limited by available computer memory disk space and other system factors

Color Bit Depth
48-bit

Grayscale Levels
256

Preview Speed
as little as 13 seconds**

Task Speed
OCR letter-size black and white text to Microsoft® Word: as little as 43 seconds**
4 x 6-in color photo to Microsoft Word: as little as 46 seconds**
email photo: as little as 32 seconds**
**scan speed tests performed on a 1.7 GHz hp vectra PC with 256 MB RAM/Windows 98, in hp internal testing; scan speed, preview speed: time is measured from mouse click/button push, ending when the image of the platen is visible and the user has control. The scanner lamp has warmed up.

Control Panel
"scan", "copy", "HP Instant Share", "HP memories disc creator"

Image Scaling or Enlargement Range
10 to 2000% in 1% increments

Maximum Document Scan Size
8.5 x 11.7 in (21.59 x 29.72 cm)

Media Types
paper (plain, inkjet, photo, newsprint, magazine articles), transparent materials (35 mm slides, negatives, transparencies), 3D objects

Connectivity
Hi-Speed USB (compatible with USB 2.0 specifications)

Compatible Operating Systems
Microsoft® Windows® 98, 98SE, Me, 2000, XP Professional and Home Edition, Mac® OS 9.1 or higher, OS X 10.1.5 or 10.2 or higher

Minimum System Requirements
USB-compatible PC with Microsoft Windows 98, 98SE, Me, XP Home and Professional, 2000 or USB-compatible Macintosh® computer with Mac OS 9.1 or later, OS X 10.1.5 or later, CD-ROM drive, 800 x 600, 16-bit SVGA monitor, USB port on PC or USB Macintosh only, HP memories disc creator software requires CD writer and 700 MB additional hard disk space; Internet Explorer 5.0 or later
For Microsoft Windows: PC with Intel® Pentium® II 233 MHz processor, Celeron or compatible; 255 MB free hard disk space, 64 MB RAM For Macintosh: 233 MHz Power PC processor; 240 MB free hard disk space, 64 MB RAM (Mac OS X: 128 MB)

Operating Environment
recommended operating temperature: 50 to 95° F (10 to 35° C)
storage temperature: -40 to 158° F (-40 to 70° C)
recommended operating humidity range: 15 to 85% RH
non-operating humidity range: 0 to 90% RH

Dimensions (W x D x H)
18.58 x 11.73 x 3.66 in (472 x 298 x 93 mm)

Weight
5.08 lb (1.9 kg)

Power Supply
Universal AC adapter: 100-240 VAC (50/60 Hz) input; 12Vdc, 1.25 A output

Power Consumption
15 watts maximum U.S. EPA ENERGY STAR® compliant

Warranty
90-day limited warranty backed by HP Customer Care, service and support

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

Multiple File Formats
BMP, TIFF, GIF, PDF, HTML, JPEG, FlashPix (FPX), TIFF compressed, PCX, RTF, TXT and PNG

ordering information

hp scanjet 3970 digital flatbed scanner
Q3191A   hp scanjet 3970

What's in the box?
hp scanjet 3970 digital flatbed scanner with transparent materials adapter for scanning slides and negatives; USB cable; power cord/supply; setup poster; user manual; CD-ROM with software for Microsoft Windows and Macintosh: hp photo: imaging software with hp memories disc creator & HP Instant Share™; hp scanjet copy utility; suite of electronic help tools; Adobe® Acrobat® Reader™; IRIS ReadIRIS OCR; Hemera Greeting Card Creator (for Microsoft Windows only)

hp scanjet 3970v digital flatbed scanner
Q3192A   hp scanjet 3970v

What's in the box?
hp scanjet 3970 digital flatbed scanner with transparent materials adapter for scanning slides and negatives; USB cable; power cord/supply; setup poster; user manual; CD-ROM with software for Microsoft Windows and Macintosh: hp photo & imaging software with hp memories disc creator & HP Instant Share™; hp scanjet copy utility; suite of electronic help tools; Adobe® Acrobat® Reader™; IRIS ReadIRIS OCR; Hemera T-shirt Creator (for Microsoft Windows only)

hp scanjet 3970xi digital flatbed scanner
Q3193A   hp scanjet 3970xi

What's in the box?
hp scanjet 3970 digital flatbed scanner with transparent materials adapter for scanning slides and negatives; USB cable; power cord/supply; setup poster; user manual; CD-ROM with software for Microsoft Windows and Macintosh: hp photo & imaging software with hp memories disc creator & HP Instant Share™; hp scanjet copy utility; suite of electronic help tools; Adobe® Acrobat® Reader™; IRIS; ReadIRIS OCR; Hemera Business Card Creator (for Microsoft Windows only)

for more information

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