HP Scanjet G4050 Photo Scanner
Datasheet

Superior color accuracy and high-definition scanning with greater capacity for slides and negatives.

- Exceptional scanning with 4800 x 9600 dpi[1]
- Superior color accuracy and photo reproduction
- Automatically remove red-eye and enhance details

High-definition photo and film scanning quality

- Get superior color accuracy and photo reproduction with 6-color, 96-bit scanning—exclusive to HP.
- Remove dust and scratches at the touch of a button—without the need for software touch-ups.
- Enjoy high-definition scans that make beautiful reprints with 4800 x 9600 dpi resolution.[1]
- Preserve crisp text in documents with scans that deliver archival-quality results.
- Edit text from scanned documents and magazines—such as letters and articles—using included software.

Scan and restore even more slides and negatives

- Scan up to sixteen 35 mm slides or 30 negative frames—and other film sizes—using a built-in adapter.
- Bring old or damaged photos back to life by restoring faded color using included software.
- Automatically remove red eye and enhance details in dark photos using HP Real Life technologies.

Quickly and easily preserve and share memories

- Enjoy quick, easy scanning of multiple photos, slides or negatives, and then save as separate files.
- Quickly and easily scan, make reprints or copy documents and save images at the touch of a button.
- Easily organize, edit and e-mail photos—without large file attachments—using HP Photosmart software.
- Scan more than just flat items to get surprisingly realistic 3-D scans of books and larger items.

[1]Maximum resolution not available when scanning negatives in 6-color. Maximum resolution may be affected by PC system factors.

Technical specifications

Scanner type	Flatbed
Scan technology	Charge Coupled Device (CCD)
HP Real Life Technologies	HP Adaptive Lighting-improve contrast, HP Auto Red-eye Removal, dust and scratch removal capabilities, faded color restoration
Transparent Materials Adapter	Full bed TMA with templates: scan sixteen 35 mm slides, thirty 35 mm negative frames, 2 medium format frames, 4 x 5-in film
Preview Speed[1]	Up to 8.5 sec
Task Speed[1]	**4 x 6-in (10 x 15 cm) color photo to file (200 dpi, 24-bit, tiff):** about 11 sec for multiple image scan, about 30 sec for single image scan; 35 mm slides to file (300 dpi, 24-bit, tiff): about 11 sec for multiple image scan, about 32 sec for single image scan; 35 mm negatives to file (300 dpi, 24-bit, tiff): about 14 sec for multiple image scan, about 45 sec for single image scan **OCR 8.5 x 11-in (A4) text page to Microsoft Word:** about 25 sec for single image scan; 4 x 6-in (10 x 15 cm) color photo to share/e-mail (150 dpi, 24-bit): about 28 sec for single image scan; 8.5 x 11-in (A4) **PDF to e-mail (300 dpi, 24-bit):** about 60 sec for single image scan
Scan Input Modes	Front-panel: Scan (reflective scans from the glass), Scan film, Copy, Scan to PDF; HP Photosmart Premier software; user application via TWAIN; transparent materials adapter (transmissive scans of film materials)
Scan Resolution[2]	**Hardware:** Up to 4800 x 9600 dpi **Optical:** 4800 dpi **Enhanced:** Up to 999999 dpi
Color bit depth/Grayscale levels	96-bit/256
Image scaling or enlargement range	10 to 2400% in 1% increments
Maximum document scan size	8.5 x 12.3 in (216 x 311 mm)
Media types	Paper (plain, inkjet, photo, banner), envelopes, labels, cards (index, greeting), 3-D objects, 35 mm slides and negatives (using transparent materials adapter), iron-on transfers
File formats	**For images:** PDF, BMP, TIFF, TIFF compressed, PCX, JPEG, FlashPix (FPX), GIF, PNG; for text: HTML, TXT, Rich Text Format (RTF) **For text and image pages:** PDF, PDF (searchable), FlashPix, PNG image
Photographic Format Types	Reflective scan of printed photo up to 8.5 x 12.3 inches, transmissive scan of positive and negative film, 35 mm mounted slides, 35 mm negative film strips, medium format film (120 or 220 roll film), 4 x 5-in film
Control panel buttons	4 front-panel buttons (Scan, Scan film, Copy, Scan to PDF)
Connectivity	Hi-Speed USB (compatible with USB 2.0 specifications)
Product Dimensions (W by D by H)	Maximum: 11.93 x 20 x 4.25 in (303 x 508 x 108 mm)
Product Weight	11.6 (5.3 kg)
What's in the box?	• HP Scanjet G4050 Photo Scanner • template kit • USB cable • power supply adapter/power cord(s) • CDs (include software and User's Guide) • Setup and Support Guide • I.R.I.S. registration flyer

Temperature	**Maximum Operating Temperature:** 50 to 95° F (10 to 35° C) **Storage Range:** -40 to 140° F (-40 to 60° C)
Humidity	**Operating Humidity:** 0 to 90% RH **Recommended Operating Humidity Range:** 15 to 80% RH **Storage Humidity:** 0 to 90% RH
Power Specifications[3]	External power adapter, Universal AC adapter: 100 to 240 VAC, 50/60 Hz input; 24 VDC, 1500 mA, 36 watts output; Energy Star efficiency level IV **Power consumption:** 25 watts maximum
Compatible operating system	Windows 2000, XP Home, XP Professional, XP Professional x64, XP Media Center Edition 2005; Mac OS X v 10.3.9, v 10.4 and higher
Minimum system requirements	**PC:** Pentium II 233 MHz or equivalent Celeron processor; 128 MB RAM, 500 MB available hard disk space; 800 x 600 SVGA monitor with 16-bit color; Windows 2000 Professional, XP Home, XP Professional, XP Professional x64, XP Media Center Edition 2005; USB port; CD-ROM drive; Internet Explorer 5.01 (SP 2 and higher) **Mac:** Mac OS X v 10.3.9, v 10.4 and higher; PowerPC (G3, G4 and G5 processor), Intel Core processor; 128 MB RAM, [250 MB recommended (required for v 10.4 and higher), 250 MB available hard disk space
Warranty	One-year limited hardware warranty. Telephone support options and fees vary by product, country and language. Telephone support conditions and telephone numbers available on http://www.hp.com/support.
Ordering Information	**Service and Support** U4785E 1-year next business day exchange U8223A/E 2-year next business day exchange U4784A/E 3-year next business day exchange

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