



HP PSC 1610 All-in-One Printer, Scanner, Copier (Q5587B) - Specifications



- Print with or without borders in any size up to large panorama (215 x 610 mm). Print/copy at up to 23 ppm black, 18 ppm colour. Scan at 1200 x 4800 dpi optical resolution, 48-bit colour. Share photos quickly and easily with HP Instant Share.
- Produce true-to-life photos – print with HP Viverna inks at up to 4800-optimised dpi**. Add optional 6-ink colour*** for even finer detail and photos that resist fading for generations*. Get sharp black text for professional-looking documents.
- Print directly from memory cards**** or PictBridge-enabled cameras. Select and print photos using HP Photo Proof Sheet. Reduce/enlarge and make up to 50 copies at a time. Get creative with HP Image Zone photo and imaging software.

Specifications & Warranty

Printing System

Print technology	HP Thermal Inkjet
Colour Printing Technology	HP Photorec IV precision technology (enabled with optional photo cartridge)
Print Speed (Black, Draft Quality, A4)	up to 23 ppm
Print Speed (Black, Fast Normal Quality, A4)	up to 8.5 ppm
Print Speed (Black, Normal Quality, A4)	up to 7.4 ppm
Print Speed (Colour, Draft Quality, A4)	up to 18 ppm

Print Speed (Colour, Fast Normal Quality, A4)	up to 6.6 ppm
Print Speed (Colour, Normal Quality, A4)	up to 5 ppm
Print Speed (Colour, Best Quality, A4)	up to 2.5 ppm
Print Speed (Colour Photo, Draft Quality)	29 sec
Print Speed (Colour Photo, Normal Quality)	48 sec
Print Speed (Colour Photo, Best Quality)	104 sec
Print Quality (Colour, Best Quality)	up to 4800 x 1200-optimised dpi colour printing when printing from a computer and 1200-input dpi
Print Quality (Black, Best Quality)	up to 1200 x 1200 dpi
Print Speed Footnote	Print speed might vary depending on the type of output.
Standard Printer Languages	HP PCL Level 3 enhanced
Typefaces	8 TrueType™
Low Capacity Page Yield (Black and White)	C8765EE HP No. 338 Black Inkjet Print Cartridge (11 ml) 450 pages*
Low Capacity Page Yield (Color)	C8766EE HP No. 343 Tri-Colour Inkjet Print Cartridge (7 ml) 260 pages (+/- 10%)*
High Capacity of Page Yield (Colour)	C9363EE HP No. 344 Tri-Colour Inkjet Print Cartridge (14 ml) 450 pages (+/- 10%)*
Page Yield (Photo)	C9369EE HP No. 348 Photo Inkjet Print Cartridge (13 ml) 135 10 x 15 cm photos (+/- 10%)**
Page Yield Footnote	*Based on 5% coverage for black and white and 15% for colour, in normal mode ** In combination with HP No. 343 Tri-Colour Inkjet Print Cartridge (7 ml) or HP No. 344 Tri-colour Inkjet Print Cartridge (14 ml)

Scan System

scan type	Flatbed
Optical Scanning Resolution	up to 1200 x 4800 dpi
enhanced scanning resolution	up to 19200 dpi
Bit Depth	48-bit colour
Gray Scale Levels	256

Twain version	Version 1.7
Image Scaling or Enlargement Range	50 to 400%
Maximum Copy Speed (Black, A4)	up to 23 cpm
Maximum Copy Speed (Colour, A4)	up to 18 cpm
Copy Speed (Normal Quality, Black, A4)	up to 7.4 cpm
Copy Speed (Normal Quality, Colour, A4)	up to 5 cpm
Copy Speed (Best Quality, Black, A4)	up to 0.8 cpm
Copy Speed (Best Quality, Colour, A4)	up to 0.8 cpm
Copy Resolution (Colour Text and Graphics)	up to 4800 x 1200-optimised dpi colour copying on HP Premium Photo Paper and 1200-scan dpi
Copy Resolution (Black Text)	up to 600 x 1200 dpi
Maximum Number of Copies	up to 50 copies
Copier Resize	50 to 400%

Photo Printing and Smart Features

Memory Card Compatibility	5 slots, 11 formats: CompactFlash™ I/II, IBM® MicroDrive, SmartMedia, SecureDigital™/Multimedia/Secure Multimedia, xD, Sony Memory Stick® /Pro/Duo
Borderless printing	Borderless printing up to large panorama (215 x 610 mm)
Software Included	HP Image Zone photo & imaging software includes: HP Director, HP Document Viewer, HP Photo Gallery, HP Image Editor, HP Instant Share™, HP Send to Application, HP Photo Prints, HP Creative Photo Projects, HP Album Printing, HP Quick Prints, Read I.R.I.S. OCR

Paper handling

Paper handling	100-sheet input tray, 50-sheet output tray
Custom Media Sizes	77 x 127 to 215 x 610 mm
Standard Media Sizes	paper: A4 210 x 297 mm, A5 148 x 210 mm, B5 176 x 250 mm, transparencies: A4 210 x 297 mm, envelopes: DL 110 x 220 mm, C6 114 x 162 mm, cards: A6 105 x 148 mm, labels: A4 210 x 297 mm, photo paper: A4 210 x 297 mm, Panorama 300 x 100 mm, 130 x 180 mm, 100 x 150 mm (with or without tear-off/cut-off tab)
Media Types supported	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels,

cards (index, greeting), iron-on transfers, borderless media

Media Weights by Paper Path A4: 75 to 90 g/m², HP banner paper: 75 to 90 g/m², HP envelopes: 75 to 90 g/m², HP cards: up to 200 g/m², HP photo paper: up to 280 g/m²

Maximum Input Capacity up to 100

Maximum Input Capacity for Cards up to 20

Maximum Input Capacity for Envelopes up to 10

Maximum Input Capacity for Transparencies up to 30

Maximum Input Capacity for Labels up to 20

Maximum Input Capacity for 10x15cm Photos up to 30

Standard Output Capacity up to 50

Standard Output Capacity for Cards up to 10

Standard Output Capacity for Envelopes up to 10

Standard Output Capacity for Transparencies up to 15

Other technical information

Standard Connectivity USB - compatible with USB 2.0 specification, PictBridge

Minimum System Requirements for Macintosh Macintosh: G3 processor (G4 or higher recommended); Mac OS 9.1 and later, Mac OS X v 10.1.5, v 10.2.3 and later, v 10.3 and later; 128 MB RAM (256 MB or higher recommended); 400 MB available hard disk space for software installation; (does not support Mac OS 9.0 and earlier, or OS X v 10.2, v 10.2.1, v 10.2.2); HP Memories Disk Creator software requires CD-Writer and 700 MB of additional hard disk space; QuickTime 5.0 or later; any web browser. All systems: CD-ROM drive, available USB port and USB cable for direct connection, SVGA 800 x 600 monitor with 16-bit colour, Adobe® Acrobat® Reader 5 or higher recommended, full-colour scanning requires additional 50 MB hard disk space, Internet access recommended.

Minimum System Requirements Windows®: any Intel® Pentium® II or Celeron® processor (Pentium III or higher recommended); Microsoft® Windows® 98, 98 SE, Me, 2000 Professional, XP; 128 MB RAM (256 MB or higher recommended for all operating systems); 795 MB available hard disk space for full software installation including HP Image Zone software (395 MB for basic software installation and HP Image Zone Express); (does not support Windows 3.1, 95, NT® 4.0, DOS). All systems: CD-ROM drive, available USB port and USB cable for direct connection, internet access

recommended; SVGA 800 x 600 monitor with 16-bit colour, Microsoft® Internet Explorer® 5.01 or higher; Adobe® Acrobat® Reader 5 or higher recommended, full-colour scanning requires additional 50 MB hard disk space.

power supply type	External
Power Requirements	Input voltage 100 to 240 VAC, grounded
pages per month	up to 3,000 pages per month
Services (SupportPack)	HP warranty extensions: H7580E or H7580A option ABU (3 years, standard service), H7583E or H7583A option ABU (3 years, express service). Available in Belgium, Denmark, the Netherlands, Finland, France, Germany, Ireland, Italy, Portugal, Spain, Sweden and UK
Weight	5.5 kg
Package Weight	7.5 kg
Dimensions (w x d x h)	440 x 284 x 172 mm
Maximum Dimensions (W x D x H)	492 x 233 x 387 mm
Processor	Custom processor/ASIC
Safety	IEC60950-1: 2001; EN 60950-1: 2002; IEC 60825-1 Edition 1.2: 2001 / EN 60825-1+A11+A2+A1: 2002 Class 1 (Laser/Led); UL 60950-1:2003; CAN/CSA-22.2 No. 60950-1-03; NOM 019-SFCI-1993, AS/NZS 60950: 2000, GB4943: 2001
Acoustic Power Emissions	Colour printing: 6.5 B(A); black-and-white print normal: 5.7 B(A); colour copy: 6.6 B(A); black-and-white copy: 6.6 B(A); idle: 3.3 B(A)
Operating Humidity Range	15 to 85% RH
Recommended Humidity Operating Range	15 to 85% RH
Non-Operating Humidity	20 to 80% RH
Operating Temperature Range	5 to 40° C
Recommended Operating Temperature Range	15 to 32° C
Storage Temperature Range	-40 to 60° C
Power consumption	70 watts maximum
Energy Star Certified	yes
Warranty	1 year limited hardware warranty backed by HP Service and Support