

HP PSC 1510 All-in-One Printer, Scanner, Copier

Datasheet



With the compact HP PSC 1510 All-in-One, everyone in the home can print, copy and scan in true-to-life color and laser-quality black. An intuitive control panel and eight one-touch buttons make it simple to create color or black-and-white copies up to 8.5x11, and enlarge and resize photos for framing. Print photos without a PC by connecting a PictBridge-enabled camera to the printer's front USB port. Or use your PC and included HP Image Zone software to organize, edit and print photos with or without borders up to 8.5x24 panorama.¹ Share photos by e-mail using HP Instant Share technology.² Print and copy in optional 6-ink color³ with HP Vivera Inks and 4800-optimized dpi⁴, and get true-to-life photos that resist fading for generations⁵ and archived text documents that retain clarity for decades.⁶ Enjoy fast print and copy speeds up to 20 ppm black, up to 18 ppm color, and high-quality scanning at 1200x1200-dpi optical resolution, 48-bit color.

¹Borderless printing up to 8.5x24 using brochure and photo paper.

²Internet connection required. Internet service purchased separately.

³6-ink printing available with purchase of HP 99 Photo Inkjet Cartridge; not included; sold separately.

⁴Up to 4800x1200-optimized dpi color when printing from a computer and 1200-input dpi.

⁵Based on Wilhelm-Research.com light fade testing under glass (as of November 2004) using the HP 93 Tri-color and the optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus photo papers. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>.

⁶Based on paper industry predictions for acid-free papers: colorant stability data at room temperature based on similar systems as per ISO 11798 and ISO 18909.

Print, scan and copy with one-touch buttons in true-to-life photo-quality, plus photos without a PC



Compact Photo All-in-One

A simple solution for your photo and document printing, scanning and copying

- Easy to use printer, scanner and copier with a fold-up paper tray and compact size
- Simple to use with an intuitive control panel and 8 convenient, one-touch buttons
- Fast print and copy speeds for Web pages and documents—up to 20 ppm black and 18 ppm color
- HP inkjet cartridges designed for efficient ink usage so you can save ink and money

Direct photo printing and more

Print photos from a PictBridge-enabled camera or using photo editing software

- Print photos directly from a PictBridge-enabled camera using front USB port on your All-in-One
- Automatically remove red-eye, enhance detail in dark areas of photos with HP Real Life technologies
- Organize, edit, enhance and print photos and create photo projects with HP Image Zone software
- Easily send and receive photos without large e-mail attachments with HP Instant Share service¹

True-to-life photo-quality

True-to-life photos and laser-quality black text you can count on

- Print and copy beautiful photos in optional 6-ink color² and laser-quality text with HP Vivera Inks
- Photos resist fading for generations³ and laser-quality text documents retain clarity for decades⁴
- High-quality scanning of photos and documents with 1200x1200 dpi optical resolution, 48-bit color
- Standard-size and panorama photos—with or without borders—print up to 8.5x24⁵

Convenient copying without PC

Convenient copies and photo reprints, without even turning on your computer

- Make quick color or black-and-white copies with one-touch control button no need to turn on your PC
- Simply enlarge and resize photos with one-touch, fit-to-page and zoom button on control panel
- Make sharp copies of letters, bills, recipes, school projects and more any size up to 8.5x11-inches

Low on ink?

- HP SureSupply notifies you when it is time to replace your print cartridge and helps you purchase locally or via the internet.⁶

¹Internet connection required. Internet service purchased separately.

²6-ink printing available with purchase of HP 99 Photo Inkjet Cartridge; not included; sold separately

³Based on Wilhelm-Research.com light fade testing under glass (as of November 2004) using the HP 93 Tri-color and the optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus photo papers. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>

⁴Based on paper industry predictions for acid-free papers: colorant stability data at room temperature based on similar systems as per ISO 11798 and ISO 18909

⁵Borderless printing up to 8.5x24 using brochure and photo paper

⁶Only available with genuine HP supplies; internet access required.

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Technical specifications

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| Print Technology | HP Thermal Inkjet |
| Print Resolution | Black (best): Print up to 1200-rendered dpi black when printing from a computer; Color (best): Up to 4800 x 1200-optimized dpi color when printing from a computer and 1200-input dpi; Print Resolution Technology: HP PhotoREt III (PhotoREt IV with optional photo cartridge) |
| Print Speed¹ | Black (draft; letter): Up to 20 ppm; Color (draft; letter): Up to 18 ppm |
| Print Languages Standard | Lightweight Imaging Device Interface Language (LIDIL) |
| Printing Capabilities | Direct Printing: Yes with PicBridge cameras; Borderless Printing Supported: Yes, 4 x 6 in, 8.5 x 11 in, A4 |
| HP Real Life Technologies Features | Auto Red-Eye Removal, Adaptive Lighting |
| Recommended Monthly Volume (letter) | 1000 |
| Copy Features | Number of Copies Maximum: 50; Copy Scaling: 50 to 400% ² |
| Copier Settings | Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge) |
| Copy Resolution | Black Text: Up to 600 dpi; Black Graphics: Up to 600 dpi; Color Graphics: Up to 4800 x 1200-optimized dpi color copying on HP Premium Photo Papers and 1200 scan dpi |
| Copy Speed | Black: Up to 20 cpm; Color: Up to 18 cpm |
| Scan Type/Input Modes | Type: Flatbed; Technology: CIS; Input Modes: Front-panel scan, HP Director, TWAIN; Bit depth: 48 bit; Grayscale Levels: 256; Twain version: 1.7 |
| Scan Resolution | Optical: 1200 dpi; Hardware: 1200 x 1200 dpi; Enhanced: Up to 19200 dpi enhanced (maximum dpi is limited by available computer memory, disk space, and other system factors) |
| Scan Size Maximum | US: 8.5 x 11.7 in, Metric: 21.5 x 29.7 cm |
| Output File Format | PicBridge support for JPEG only |
| Connectivity | 1 USB, 1 PicBridge |
| Paper Handling | Input: 100-sheet input tray; Input capacity: Up to 100 US letter/legal, Up to 30 transparencies, Up to 20 labels, Up to 15 cards, Up to 10 envelopes; Output capacity: Up to 50 US letter/legal; Up to 30 transparencies, Up to 20 labels, Up to 15 cards, Up to 10 envelopes |
| Media Types | Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media |
| Media Sizes Standard (US) | Letter, legal, executive, cards, A2, panorama |
| Custom Media Sizes | 3 x 5 to 8.5 x 24 in |
| Media Weight (US) | US letter: 20 to 24 lb; legal: 20 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum |
| Media Weight Recommended | 20 to 24 lb (75 to 90 g/m ²) |
| Memory | Standard/Maximum: 8 MB ROM, 32 MB RAM |

¹Print speed may vary depending on the type of output.

²Letter size or 4 x 6 inches only. Maximum number of copies list pertain to software only. Stand-alone copying is up to 9.

Compatible Operating System

Microsoft® Windows® 2000 Professional, XP, 98, 98 SE, or ME for basic software installation; Microsoft® Windows® 2000 Professional or XP for full software installation including HP Image Zone Software. Mac® OS X v 10.1.5, 10.2.3 and later, 10.3 and later; Mac OS 9.1 and later.

Minimum System Requirements

For all systems: CD-ROM drive; available USB port and USB cable for direct connection; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; full-color scanning requires an additional 50 MB hard disk space; Internet access recommended; **For PC systems:** any Intel Pentium II or Celeron processor (Pentium III or higher recommended); Microsoft® Windows® 2000 Professional, XP, 98, 98SE or ME for express software installation; Microsoft® Windows® 2000 Professional or XP for full software installation including HP Image Zone Software; 128 MB RAM for Windows 98, 98 SE, Me, 2000 Professional, and XP (256 MB or higher recommended for all operating systems); 855 MB available hard disk space for full software installation (395 MB for basic software installation); Microsoft Internet Explorer 5.01 or higher; Windows 3.1, 95, NT 4.0, or DOS are not supported; **For Mac systems:** G3 processor (G4 or higher recommended); Mac OS X v 10.1.5, 10.2.3 and later, 10.3 and later; Mac OS 9.1 and later (does not support Mac OS 9.0 and earlier or OS X v 10.2, 10.2.1, and 10.2.2); 128 MB RAM (256 MB or higher recommended); 400 MB available hard disk space for software installation; HP Memories Disc Creator software, requires CD Writer and 700 MB of additional hard disk space; QuickTime 5.0 or later; any Web browser

Operating Environment

Recommended Operating Temperature: 59 to 90° F (15 to 32° C); **Storage Range:** -40 to 140° F (-40 to 60° C); **Maximum Operating Temperature:** 41 to 104° F, 5 to 40° C; **Operating Humidity:** 15 to 85% RH; **Humidity Recommended Operating Range:** 15 to 85% RH; **Storage Humidity:** 20 to 80% RH

Product Dimensions Maximum

17.1 x 23.1 x 16 in (434 x 587 x 406 mm)

Acoustic Pressure Emissions (active)

Color printing: 42 dB(A); black-and-white normal: 46 dB(A); color copy: 41 dB(A); black-and-white copy: 45 dB(A); idle: 21 dB(A)

Dimensions/weight

US: 17.1 x 23.1 x 6.4 in (paper tray down), 17.1 x 11.4 x 6.4 in (paper tray folded up), **Metric:** 434 x 587 x 162 mm (paper tray down), 434 x 290 x 162 mm (paper tray folded up)/**US:** 11.19 lb, **Metric:** 5.08 kg

Acoustic Power Emissions (active)

Color printing: 5.6 B(A); black-and-white normal: 5.9 B(A); color copy: 5.4 B(A); B(A); black-and-white copy: 5.7 B(A); idle: 3.3 B(A); Acoustic Pressure Emissions (standby): 21 dB(A)

Power

Type: External; **Power Supply Required:** Input voltage 90 to 264 VAC, (+/- 10%), input frequency 47/63 Hz, (+/- 3 Hz); **Consumption:** 70 watts maximum (35 watts average, 7.5 watts standby)

Warranty

One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support, plus a toll-free number.

This printer and its replacement cartridges are designated for sale in North America.

Product Number: Q5880A

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Ordering Information

Part Number

Ordering information

HP PSC 1510 All-in-One Printer, Scanner, Copier

Q5880A

Replacement Ink Cartridges

HP 92 Black Inkjet Print Cartridge, 5 ml

C9362W

HP 93 Tri-color Inkjet Print Cartridge, 5 ml

C9361W

HP 99 Photo Inkjet Print Cartridge, 13 ml

C9369W

This printer and its replacement cartridges are designated for sale in North America.

HP Business Communication Paper & Film

HP Bright White Paper, (8.5 x 11 in), 250 sheets

HPB1124

HP Premium Inkjet Paper, (8.5 x 11 in), 200 sheets

51634Y

HP Brochure and Flyer Paper, Matte, (8.5 x 11 in), 50 sheets

C6955A

HP Brochure and Flyer Paper, Matte, (8.5 x 11 in), 50 sheets

Q5445A

HP Brochure and Flyer Paper, Gloss, (8.5 x 11 in), 50 sheets

C6817A

HP Brochure and Flyer Paper, Gloss, (8.5 x 11 in), 100 sheets

C7020A

HP Tri-fold Brochure Paper, Matte, (8.5 x 11 in), 100 sheets

Q5443A

HP Premium Inkjet Transparency Film., (8.5 x 11 in), 20 sheets

C3828A

HP Premium Inkjet Transparency Film., (8.5 x 11 in), 50 sheets

C3834A

HP Photo Papers

HP Photo Paper, Glossy, (8.5 x 11 in), 25 sheets

C1846A

HP Everyday Photo Paper (8.5 x 11 in), 100 sheets

Q2509A

HP Everyday Photo Paper (8.5 x 11 in), 25 sheets

Q5498A

HP Everyday Photo Paper (4 x 6 in), 100 sheets

Q5440A

HP Premium Photo Paper, Glossy, (8.5 x 11 in), 15 sheets

C6039A

HP Premium Photo Paper, Glossy, (8.5 x 11 in), 50 sheets

C6979A

HP Premium Photo Paper, Glossy, (8.5 x 11 in), 15 sheets

Q1993A

HP Premium Photo Paper, Soft Gloss, (8.5 x 11 in), 50 sheets

Q1994A

HP Premium Photo Paper, High Gloss borderless, (4 x 6 in), 60 sheets

Q2502A

HP Premium Photo Paper, High Gloss (4 x 6 in), with tab, 20 sheets

Q1977A

HP Premium Plus Photo Paper, High Gloss, (8.5 x 11 in), 15 sheets

Q1785A

HP Creative Papers

HP Matte Greeting Cards, white quarter-fold, 20 sheets/envelopes

C6042A

HP Matte Photo Greeting Cards, white, half-fold, 20 sheets/envelopes

C7018A

HP Photo Greeting Cards, white, half-fold, 10 sheets/envelopes

C6044A

HP Textured Greeting Cards, ivory, half-fold, 20 sheets/envelopes

C6828A

HP Textured Greeting Cards, cream, half-fold, 20 sheets/envelopes

C6829A

HP Textured Greeting Cards, white, half-fold, 20 sheets/envelopes

C7019A

HP Linen Greeting Cards, white, half-fold, 20 sheets/envelopes

Q1788A

HP Linen Greeting Cards, ivory, half-fold, 20 sheets/envelopes

Q1787A

HP Iron-on Transfers (8.5 x 11 in), 12 sheets

Q1974A

HP Banner Paper, 100 sheets

C1820A

HP Matte Photo and Project Paper, 50 sheets

Q5499A

HP Postcards, Matte (4.25 x 5.5-inches), 200 count, 50 sheets

Q5513A

Accessories

HP USB Cable

C6518A

What's In the Box?

- HP PSC 1510 All-in-One, Printer, Scanner, Copier
- HP 92 Black Inkjet Print Cartridge (5 ml)
- HP 93 Tri-color Inkjet Print Cartridge (5 ml)
- HP Image Zone Photo and Imaging software on CD-ROM
- Setup Booklet
- User's Guide
- Power supply
- Power cord



Product Number: Q5880A

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