



## hp deskjet 5850 color inkjet printer



datasheet

With the HP Deskjet 5850 color inkjet printer, networking and wireless printing is so easy—it's built-in, plus you can network up to 5 users! Print in true-to-life photo quality—up to 4800-optimized dpi\* or optional 6-ink color\*\* at fast speeds—up to 21 pages per minute in laser-quality black, up to 15 in color. Network setup is simple, plus there are versatile paper handling options like a fold-up paper tray and optional two-sided printing\*\*\*.

### networking and wireless printing

- easy printer sharing with built-in networking and wireless printing\*\*\*\*—up to 5 users in home or office\*\*\*\*\*

### professional photo quality

- up to 4800-optimized dpi\* or optional 6-ink color\*\*
- print photos with or without borders on standard size photo papers
- automatically selects paper type for best print quality
- hp photo & imaging software makes it easy to add photos to brochures, flyers, documents and more
- hp color technology—hp photoret III color layering technology for quality color at fast speeds
- enjoy photos that resist fading for generations in optional 6-ink color printing\*\*\*\*\*

### fast performance

- prints up to 21 pages per minute in laser-quality black, up to 15 in color
- save time and money using print cancel button and on-screen ink-level indicator
- ink-backup printing completes print job even if one cartridge runs out of ink
- print a screen capture of an image on your monitor with a single keystroke
- print performance options—on-screen menu offers five print modes for optimizing print quality and speed

### fast network setup

- quickly setup your printer and add it to your computer network—it's that simple

### versatile paper handling

- fold-up tray and optional automatic two-sided printing\*\*\*
- up to 400-sheet combined paper capacity with 250-sheet tray\*\*\*\*\*

\*up to 4800 x 1200-optimized dpi color and 1200-input dpi; \*\*6-ink photo printing available with separate purchase of photo cartridge; not included; \*\*\*Optional HP two-sided printing accessory.; \*\*\*\*This 802.11b-enabled all-in-one is compatible with 802.11g-compliant devices. Visit [www.hp.com/support](http://www.hp.com/support) and search for "hp 5800 printer series overview" to learn more.; \*\*\*\*\*Wireless performance is dependent upon distance and terrain between wireless network clients and printer.; \*\*\*\*\*available with purchase of hp 58 photo cartridge and hp premium plus photo papers (not included; sold separately);\*\*\*\*\*400-sheet combined input capacity achieved with purchase of optional HP 250-sheet paper tray not included; sold separately

# hp deskjet 5850 color inkjet printer

## technical specifications

### Print Technology

drop-on-demand thermal inkjet printing

### Print Quality

Black: up to 1200-dpi rendered black text

Color: up to 4800 x 1200 optimized dpi color printing and 1200 input dpi

Print Resolution Technology: hp photorel III (hp photorel IV with optional photo cartridge)

### Print Speed (Draft mode)\*

Black Text: up to 21 ppm; Color: up to 15 ppm; Color Photo, 4 x 6 inch: as fast as 36 sec with border, as fast as 41 sec without border

\*Dependent upon type and print mode. Exact print speed will vary depending on the system configuration, software program, and document complexity.

### Vertical Alignment

+/-0.002 in.

### Skew

+/-0.006 in., +/-0.009 in. with two-sided printing accessory (2nd side), +/-0.009 in., +/-0.010 in. transparency

### Connectivity

IEEE 802.3 compliant (RJ-45 connector), IEEE 802.11b compliant Ethernet, USB 2.0 (compatible with USB 2.0 specifications)

### External I/O Ports

1 Universal Serial Bus (USB), 1 Ethernet

### Wireless Capability

802.11b\*\* (WiFi)

\*\* Wireless performance is dependent upon distance and terrain between wireless network clients and printer. This 802.11b-enabled printer is compatible with 802.11g-compliant devices. Visit [www.hp.com/support](http://www.hp.com/support) and search for "hp deskjet 5800 printer series overview" to learn more.

### Printer Languages

HP PCL level 3 enhanced

### Memory

16 MB

### Media Handling

auto paper-type sensor, 150-sheet input tray, optional 250-sheet input tray, optional two-sided printing accessory (250-sheet input tray and two-sided printing accessory not included, purchase separately)

input capacity: up to 150 U.S. letter or legal paper, up to 20 transparencies, up to 60 cards, up to 20 envelopes, up to 20 labels, up to 20 banners output capacity: 50 sheets (maximum) U.S. letter or legal paper, up to 20 transparencies, up to 60 cards, up to 10 envelopes, up to 20 banners

### Media Types

paper (plain, inkjet, photo, and banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media

### Media Sizes and Weights

sizes: U.S. letter, legal, U.S. executive, cards  
weights: U.S. letter, banner: 16 to 24 lb; U.S. legal, envelopes: 20 to 24 lb; cards: up to 110 lb (maximum); photo paper: up to 130 lb photo paper

### Duty Cycle (Maximum Monthly Volume)

5000 pages per month

### Fonts

8 built-in fonts, 4 each in portrait and landscape orientations; CG Times, CG Times Italic, Univers, Univers Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic

### Power Requirements

power source (input voltage): 100 - 240 VAC (+/-10%), 50/60 Hz (+/-3 Hz), power consumption: 32 watts

### Compatible Operating Systems

Microsoft® Windows® 98, 98SE, Me, NT® 4.0, 2000, XP; Mac® OS 8.6, 9.X, OS X v. 10.1 and higher

### Minimum System Requirements

For all systems: CD-ROM drive, internet access and sound card recommended, networking and wireless performance require a working Ethernet or wireless 802.11b/g network, SVGA 800 x 600 monitor with 16-bit color, Microsoft Internet Explorer® 5.01 or higher, Adobe® Acrobat® 4 or higher recommended, 40 MB of hard disk space for printer installation, hp memories disc creator software requires cd-writer and 700 MB of additional hard disk space. Printing photographs or very high resolution images (4800 x 1200-optimized dpi) requires at least 400 MB of available temporary hard disk space.

For PC: any Intel® Pentium® II or Celeron® processor (Pentium III or higher recommended); Microsoft Windows 98, 98SE, Me, 2000 Professional, NT 4.0, or XP; 32 MB RAM for 98, 98SE and Me; 64 MB RAM for 2000 and NT 4.0, 128 MB RAM for XP

For Macintosh®: G3 processor (G4 or greater recommended); Mac OS 9.x or OS X v10.1 or greater; 64 MB RAM for OS 9.x; 128 MB RAM for Mac OS X v10.1 or greater

(Does not support Windows 3.1 or 95. or Mac OS 8.6)

### Dimensions (w x d x h)/Weight

17.93 x 9.8 x 6.62 in (455.3 x 249 x 168 mm)/12.7 lb (5.75 kg)

### Operating Environment

recommended operating room: 59 to 95° F (15 to 35° C), storage temperature: -40 to 158 F (-40 to 70° C)

recommended humidity range: 20 to 80% RH

### Acoustics

Sound Power: Best: 5.3 B(A), FastNormal: 6.1 B(A), FastDraft: 6.5 B(A)

Sound Pressure: Best: 39.6 dB(A), FastNormal: 48 dB(A), FastDraft: 53 dB(A)

### Warranty

one-year limited warranty backed by HP Customer Care, service and support; one-year phone support

## ordering information

### hp deskjet 5850 color inkjet printer C8975A

hp deskjet 5850 color inkjet printer; hp 56 black inkjet print cartridge, 19 ml ink volume (hp part no. c6656a); hp 57 tri-color inkjet print cartridge, 17 ml ink volume (hp part no. c6657a); power supply and power cord; Ethernet cable; printer software on CD-ROM (for Microsoft® Windows® and Macintosh® operating systems); reference guide, network guide and setup poster (Windows and Macintosh); resealable media pack

### Replacement Ink Cartridges

uses one black and one tri-color cartridge or one tri-color and one photo cartridge

C6656A	hp 56 black inkjet print cartridge (19 ml)
C6657A	hp 57 tri-color inkjet print cartridge (17 ml)
C6658A	hp 58 photo inkjet print cartridge (17 ml)

### HP business communication paper and film

#### HP bright white inkjet paper

C5976B	250 sheets
C1824A	500 sheets

#### HP inkjet everyday paper

51634Y	200 sheets
--------	------------

#### HP brochure and flyer paper, glossy

C6817A	50 sheets
--------	-----------

#### HP brochure and flyer paper, matte

C6955A	50 sheets
--------	-----------

#### HP premium inkjet transparency film

C3828A	20 sheets
C3834A	50 sheets

#### HP tri-fold brochure paper, glossy

C7020A	100 sheets
--------	------------

### HP photo papers

#### HP photo paper

C1846A	letter size, 20 sheets
C6982A	letter size, 60 sheets
C7890A	4 x 6 in., 20 sheets
C7893A	4 x 6 in., 20 sheets

#### HP everyday photo paper, semi-gloss

C6983A	letter size, 25 sheets
--------	------------------------

#### HP everyday photo paper, matte

C7007A	letter size, 100 sheets
--------	-------------------------

#### HP premium photo paper

C6039A	letter size, 15 sheets
C6979A	letter size, 50 sheets
Q1988A	4 x 6 in, 20 sheets
Q1989A	4 x 6 in, 60 sheets
Q1990A	4 x 6 in, 100 sheets

#### HP premium plus photo paper, glossy

C6831A	letter size, 20 sheets
Q1785A	letter size, 50 sheets
Q1977A	4 x 6 in, 20 sheets
Q1978A	4 x 6 in, 60 sheets

#### HP premium plus photo paper, matte

C6950A	letter size, 20 sheets
--------	------------------------

### HP creative papers

#### HP greeting card, white, quarter-fold

C1812A	20 sheets/envelopes
--------	---------------------

#### HP matte greeting card, white, half-fold

C7018A	20 sheets/envelopes
--------	---------------------

#### HP textured greeting card, white, half-fold

C7019A	20 sheets/envelopes
--------	---------------------

#### HP textured greeting card, ivory, half-fold

C6828A	20 sheets/envelopes
--------	---------------------

#### HP linen greeting card, white, half-fold

C1788A	20 sheets/envelopes
--------	---------------------

#### HP photo greeting card

C6044A	10 sheets/envelopes
--------	---------------------

#### HP iron-on T-shirt transfers

C6049A	10 sheets
--------	-----------

### accessories

C8955A	HP two-sided printing accessory
Q3447A	HP 250-sheet paper tray
C6518A	USB cable

## for more information

Visit us on the world wide web  
at [www.hp.com](http://www.hp.com).

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation, Macintosh computer is a product of Apple Computer Inc., ENERGY STAR is a U.S. registered trademark of the U.S. EPA. As an ENERGY STAR Partner, Hewlett-Packard has determined this product meets ENERGY STAR guidelines for energy efficiency. All other brand and product names are trademarks of their respective companies. The information contained in this document is subject to change without notice.

