



hp deskjet 5650
color inkjet printer



datasheet

Get all-around professional performance with the HP Deskjet 5650 color inkjet printer. With photo quality in up to 4800-optimized dpi* or optional 6-ink color** and fast print speeds—up to 21 pages per minute in laser-quality black, up to 15 in color. And the new print quality—selector button offers control of quality and speed from the front of the printer. With a range of paper-handling options like the optional automatic two-sided printing accessory and the 250-sheet paper tray*** you will save time and money. Photo printing is so flexible—print any size photos with borders and up to 8.5 x 11-inch photos without borders.

professional photo quality

- up to 4800-optimized dpi * or optional 6-ink color**
- 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 with print cancel button and on-screen ink-level indicator
- ink-back up printing completes job even if one cartridge runs out of ink
- print a screen capture of an image on your monitor with a single key stroke
- print performance options—on-screen menu offers five print modes for optimizing print quality and speeds

new print quality-selector

- set print speed and quality from button on the front of printer

paper handling options

- add optional automatic two-sided printing accessory or 250-sheet paper tray*** to save time and money

photos with or without borders

- print photos with or without borders on standard size photo papers

optional connectivity

- link multiple computers to a single printer using optional accessories*****

* 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 automatic two-sided printing accessory and hp 250-sheet paper tray are not included; sold separately

**** Available with purchase of hp 58 photo cartridge and hp premium plus photo papers (not included; sold separately)

***** Optional HP Jetdirect wired and wireless print accessories are not included; please purchase separately

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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 photoreT III (hp photoreT IV with optional photo cartridge)

Print Speed

Black Text
FastDraft: up to 21 ppm, FastNormal: up to 11 ppm, Normal: up to 7.7 ppm, Best: up to 0.9 ppm, Maximum dpi: up to 0.2 ppm

Color Mixed Text & Graphics
FastDraft: up to 15 ppm, FastNormal: up to 7.3 ppm, Normal: up to 5 ppm, up to 0.9 ppm, Maximum dpi: up to 0.2 ppm

Color Photo, 4 x 6 inch with border
FastDraft: as fast as 36 sec, FastNormal: as fast as 72 seconds, Normal: as fast as 72 seconds, Best: as fast as 97 seconds, Maximum dpi: as fast as 179 seconds

Color Photo, 4 x 6 inch borderless
FastDraft: as fast as 41 sec, FastNormal: as fast as 83 seconds, Normal: as fast as 83 seconds, Best: as fast as 111 seconds, Maximum dpi: as fast as 206 seconds

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., +/-0.010 in. transparency

Connectivity

IEEE-1284-Centronics parallel compatible, Universal Serial Bus (USB)

External I/O Ports

1 parallel, 1 Universal Serial Bus (USB)

Wireless Capability

802.11b Ethernet (with optional wireless hp Jetdirect print accessories)

Printer Languages

HP PCL level 3 enhanced

Memory

8 MB

Media Handling

auto paper-type sensor, 150-sheet input tray, optional 250-sheet input tray (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 (8.5 x 11), legal (8.5 x 14), U.S. executive (7.25 x 10.5), cards: 3 x 5 in, 4 x 6 in, 5 x 8 in
weights: U.S. letter 16 to 24 lb, U.S. legal 20 to 24 lb, banner 16 to 24 lb, envelopes 20 to 24 lb, cards up to 110 lb (maximum) index, photo paper up to 130 lb

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%)

Power Consumption

22 watts maximum (average printing)

Compatible Operating Systems

Microsoft® Windows® (XP, 98, 98SE, Me, 2000 Professional, NT® 4.0) Mac OS 8.6, 9.X, OS X v10.1 and higher; MS-DOS® applications support is limited and should only be referenced in the reference/user's guide.

Compatible Network Operating Systems

With optional Enhanced Ethernet Adapter: Microsoft Windows 98, 2000, XP (TCP/IP, IPX/SPX); Windows NT 4.0 and later (TCP/IP, IPX/SPX, DLC/LLC); Macintosh OS 8, 9, X and later (EtherTalk), Novell Netware v3.11, 3.12.4x, 5.0 (IPX/SPX); NDS (IPX/SPX); NDPS (TCP/IP, IPX/SPX); Line Printer Daemon (LPD) and port 9100; With optional Ethernet Adapter: Microsoft Windows 98, 2000, Me, XP (32-bit) (TCP/IP, IPX/SPX); Macintosh OS 8, 9 and later (EtherTalk)

Minimum System Requirements

For Microsoft Windows and Macintosh: CD-ROM drive or internet access, 40 MB of hard disk space to install printer, 175 MB of hard disk space for hp photo & imaging software
For Microsoft Windows: XP on Intel® Pentium® 233 MHz; 128 MB RAM; Windows NT® 4.0 and 2000 Professional on Pentium 133 MHz; 64 MB RAM; Window 98 and Me on Intel Pentium 150 MHz; 32 MB RAM
For Macintosh®: G3 processor or greater; Mac OS 8.6 - 9.x: 64 MB RAM; OS X v10.1 or greater: 128 MB RAM
Does not support Windows 3.1 or 95.

Dimensions (w x d x h)/Weight

17.7 x 14.6 x 5.7 in (448.8 x 370.5 x 145 mm)/11.7 lb (5.3 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), Normal: 6 B(A), FastNormal: 6.1 B(A), FastDraft: 6.5 B(A)
Sound Pressure: Best: 39.6 dB(A), Normal: 47 dB(A), FastNormal: 48 dB(A), FastDraft: 53 dB(A)

Warranty

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

ordering information

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C6490A hp deskjet 5650

what's in the box?

HP Deskjet 5650 color inkjet printer; hp 56 black inkjet print cartridge (19 ml); hp 57 tri-color inkjet print cartridge (17 ml); power supply and power cord; printer software on CD-ROM (for Microsoft® Windows® and Macintosh® operating systems), reference guide; setup poster; 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)

for more information

Visit us on the world wide web at www.hp.com.

HP business communication paper & 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 creative papers

HP greeting card paper, white, quarter-fold

C1812A 20 sheets/envelopes

HP matte greeting card, white, half-fold

C7018A 20 sheets/envelopes

HP textured greeting card paper, white, half-fold

C7019A 20 sheets/envelopes

HP textured greeting card paper, ivory, half-fold

C6828A 20 sheets/envelopes

HP linen greeting card paper, white, half-fold

C1788A 20 sheets/envelopes

HP creative papers, continued

HP photo greeting card

C6044A 10 sheets/envelopes

HP iron-on T-shirt transfers

C6049A 10 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 photo-quality inkjet paper, two-sided semi-gloss

C6983A letter size, 25 sheets

HP photo-quality inkjet paper, two-sided matte

C7007A letter size, 100 sheets

HP premium photo paper

C6039A letter size, 15 sheets

C6979A letter size, 50 sheets

HP premium plus photo paper, glossy

C6831A letter size, 20 sheets

HP premium plus photo paper, 4 x 6 in, glossy

C6944A 4 x 6 in. 20 sheets

C7024A 4 x 6 in. 60 sheets

HP premium plus photo paper

C6950A letter size, 20 sheets

accessories

C8955A HP two-sided printing accessory
Q3447A HP 250-sheet paper tray
C6518A USB cable
J6035A HP Jetdirect 175x external USB Ethernet print server
J3258A HP Jetdirect 170x external parallel Ethernet print server
J6062A HP Wireless print server wp110 (802.11b)
J6038A HP 310x external USB full-featured Ethernet print server
J6061A HP Jetdirect 380x external USB Wireless 802.11b print server
J3263A HP Jetdirect 300x external parallel Ethernet print server
J3265A HP Jetdirect 500x external parallel print server
C2950A HP parallel cable (2 m)
C2951A HP parallel cable (3 m)

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