



hp psc 2175
all-in-one printer,
scanner, copier



datasheet

HP's psc 2175 all-in-one combines fast, easy printing, scanning and copying in one compact product! And with rich photo and creative project features it provides a center for family creativity. You can print photos effortlessly in true-to-life photo quality with up to 4800-optimized* dpi or optional 6-ink color**. Using the digital camera memory card slots and HP's Photo Proof Sheet printing digital photos is so simple—just select and print the photos you want—plus choose the quantity, size, frame, and more. And with the flatbed scanner you can easily scan and copy photos, documents, and books—up to letter size—with high-resolution scanning of up to 1200 x 2400-dpi optical resolution and 48-bit color. Plus with fast printing and copying speed at up to 18 pages per minute in black, 13 in color—you'll spend your time creating your masterpieces, not printing them.

true-to-life photo-quality

- print laser-quality black text and brilliant color photos with up to 4800-optimized dpi* or optional 6-ink color**
- print standard-size photos with borders for a traditional look or go borderless with 4 x 6.5 inch hp premium plus photo paper

easy, direct photo printing

- two ways to print without a PC—from digital camera memory card slots and hp photo proof sheet
- use hp's photo proof sheet to preview, select and print the photos you want—plus choose the quantity, size, frame, and more—it's that easy
- direct photo printing supports CompactFlash, SmartMedia, Memory Stick, Secure Digital and MultiMedia compatible memory cards

do more without a computer

- use the intuitive, front panel buttons to perform photo and copy functions—select which photos to print, paper type, size, number of photos and more

outstanding scanning

- scan photos, documents, and books—up to letter size—with up to 1200 x 2400-dpi optical resolution, 19,200 dpi-enhanced; 48-bit color
- advanced scanning options allow for easy scanning of documents and photos directly to e-mail

easy-to-use all-in-one

- print, scan and copy from one compact product—perfect for busy homes and home offices
- fast printing and copying—up to 18 pages per minute in black and up to 13 in color so you won't be kept waiting
- get creative with your photos—use hp photo & imaging software to print stickers, iron-on transfers & more
- use hp memories disc creator software to create your own digital photo slide shows on CD***, complete with music, and view them on a PC or Macintosh computer or TV with DVD player
- ink-backup mode completes the print job even if one cartridge runs out
- paper-type sensor automatically adjust print settings for best print quality

* up to 4800-optimized-dpi color printing on premium photo papers when printing from a computer and 1200-input dpi

** 6-ink color printing is available with purchase of photo cartridge (not included; sold separately)

*** cd-writer required

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technical specifications

Print Technology

drop-on-demand thermal inkjet printing

Print Quality

black best mode: up to 1200 x 1200 dpi (rendered black text on inkjet paper)
color best mode: up to 4,800-optimized dpi color printing on premium photo papers when printing from a computer and 1200-input dpi
print resolution technology: hp photoret III (hp photoret IV with optional photo cartridge)

Print Speed

draft black: up to 18 ppm*
color draft: up to 13 ppm*
*dependent upon document type and print mode

Printer Languages

HP PCL 3 enhanced

Memory

8 MB

Duty Cycle (Maximum Monthly Volume)

up to 2,000 pages

Scanner Type

flatbed

Scan Resolution

optical: up to 1200 x 2400 dpi
hardware: up to 1200 x 2400 dpi, up to 9600 dpi enhanced
enhanced scan resolution: up to 19,200 dpi (maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors)

Scan speed

4x 6 photos: 24 sec**
OCR/US Letter size page: 33 sec**
preview speed: 17 sec**
** preview and task speeds achieved using a Pentium® IV 2.53 GHz PC with 512 RAM, Microsoft® Windows® XP and by scanning directly to end-user applications using HP director

Color Bit Depth

48-bit, 256 grayscale levels

Scan Input Modes

front panel scan and hp photo & imaging software

Maximum Document Scan Size

8.5 x 11 in

Copy Resolution

black graphics/text: up to 1200 x 1200 dpi on hp premium photo paper
color: up to 1200 x 1200 dpi on hp premium photo paper

Copy Speed

black: up to 18 cpm
color: up to 13 cpm

Maximum Number of Copies

up to 50 copies

Reduction/Enlargement

50 to 400%

Copier Settings

text/photo/mixed enhancements, fit-to-page, reduce/enlarge, poster, many-on-a-page, iron-on transfer

Paper Handling

input: 100-sheet input tray, up to 25 transparencies; up to 40 cards; up to 15 envelopes; up to 20 label sheets
output: 50-sheet output tray; up to 10 envelopes; up to 10 cards; up to 25 transparencies

Media Types

plain paper (plain, inkjet, photo, brochure, banner), envelopes, transparencies, labels, cards (index, greeting) iron-on transfers

Media Sizes and Weights

plain paper: U.S. letter (8.5 x 11 in), legal (8.5 x 14 in), executive (7.25 x 10.5 in); weight: 16 to 24 lb
cards: 3 x 5 in, 4 x 6 in, 5 x 8 in; weight: 110 lb maximum
envelopes: U.S. #10 (4.125 x 9.5 in), A2 (4.37 x 5.75 in); weight: 20 to 24 lb
photo paper weight: up to 130 lb

Minimum System Requirements

PC: any Intel® or Celeron processor (Pentium® III or higher recommended); Microsoft® Windows® 98, 98 SE, Me, 2000 Professional and XP; 64 MB RAM (128 MB RAM recommended); 600 MB available hard disc space, plus 50 MB for full-color scanning; CD-ROM drive; SVGA 800 x 600 monitor with 16-bit color; available USB port; hp memories disc creator software requires CD-writer and 700 MB hard disk space
Macintosh: G3 processor (G4 recommended); Mac OS 9: 128 MB RAM (256 MB or higher recommended); Mac OS X: 128 MB RAM (256 MB or higher recommended); 250 MB available hard disc space plus 50 MB for full-color scanning; CD-ROM drive; SVGA 800 x 600 monitor with 16-bit color; available USB port; hp memories disc creator software requires CD writer and 700 MB hard disk space

External I/O Ports

1 USB

Memory Card Compatibility

CompactFlash, SmartMedia, Memory Stick, Secure Digital and MultiMedia (MMC)

Dimensions (w x d x h)/Weight

17.8 x 14.1 x 10.7 in (463 x 370 x 220 mm)/18 lb (8.14 kg)

Operating Environment

operating temperature (recommended): 59 to 90° F (15 to 32° C); storage temperature: -40 to 140° F (-40 to 60° C); humidity range: 15 to 85% RH (operating)

Power Requirements

power source (input voltage): 100 to 240 VAC (+/- 10%) grounded, input frequency: 50 to 60 Hz (+/- 3%), current: 1 amp maximum

Power Consumption

75 watts maximum

Acoustics

sound power: 5.5 B(A) color printing; 6 B(A) black and white printing, normal; 5.43 B(A) color copying; 6.1 B(A) black and white copy; 3.4 B(A) idle
sound pressure: 42 dB(A) color printing; 47 dB(A) black and white printing, normal; 44 dB(A) color copying; 48 dB(A) black and white copying; 20 dB(A) idle

Warranty

one-year limited warranty backed by HP Customer Care

ordering information

hp psc 2175 all-in-one

Q3068A hp psc 2175 all-in-one printer, scanner, copier

What's in the box

hp psc 2175 all-in-one printer, scanner, copier; hp 56 black inkjet print cartridge (19 ml) C6656A; hp 57 tri-color inkjet print cartridge (17 ml) C6657A; power cord, setup poster and reference guide, hp photo & imaging software, hp memories disc creator software on CD-ROM

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 & 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

C6518A	USB compliant cable (2m)
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for more information

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