hp officejet 5510
all-in-one printer,
fax, scanner, copier

datasheet

With the HP Officejet 5510 you will get professional photo quality—up to 4800-optimized dpi* color and laser-quality black text. Plus, fax, scan or copy a variety of material using the flatbed design. With the automatic document feeder you can fax, scan and copy up to 20 pages while you attend to other matters. Fax in black or color without a PC with 33.6 Kbps modem and multiple speed dials. Enjoy all-in-one convenience—print, fax, scan and copy in color from one compact product!

professional photo quality
- print up to 4800-optimized dpi* color and laser-quality black text
- quality scanning—up to 600 x 2400-dpi optical resolution and 36-bit color
- photo software—included hp photo & imaging software is easy to learn and use
- print or copy photos with borders or 4 x 6-inch photos without borders**
- HP Instant Share™—quickly and easily email photos without attachments or slow downloads

versatile flatbed
- fax, scan or copy a variety of materials—including books—using flatbed design

automatic document feeder
- fax, scan and copy up to 20 pages while you attend to other matters

powerful faxing
- fast black or color faxing without a PC with 33.6 Kbps modem and multiple speed dials

all-in-one convenience
- print, fax, scan and copy in color from a single, space-saving, compact product
- easy color copies right at your desk—no PC required—up to 17 copies per minute black, 12 color
- easy-to-use control panel—text LCD and one-touch buttons help complete many tasks without a computer

performance
- print up to 17 pages per minute laser-quality black and up to 12 in color
- reliable—integrated, proven technology—backed by HP Customer Care, service and support
- on-screen low-ink warning alerts you before a cartridge runs out of ink

*Up to 4800 x 1200-optimized dpi color and 1200-input dpi.
**Using 4x6.5-inch HP Premium Plus Photo paper.

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technical specifications

Print Technology
drop-on-demand thermal inkjet printing
printer language: Lightweight Imaging Device Interface (LIDIL)

Print Quality
black: up to 1200 x 1200 dpi; color best mode: up to 1200 x 1200 dpi (up to 4800 x 1200-optimized dpi when printing from a computer on premium photo paper using 1200-input dpi)
print resolution technology: hp photoret III

Print Speed (Draft mode)*
black: up to 17 ppm; color: up to 12 ppm;
*Dependent upon document type and print mode; approx. figures. Exact print speed will vary depending on the system configuration, software program, and document complexity.

Duty Cycle (Maximum Monthly Volume)
1500 pages

Fax Speed
33 Kbps fax modem, 3 sec per page (Based on ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer & use more memory.)

Fax Resolution (Best)
200 dpi (Superfine mode)

Fax Features Supported
auto fax reduction, color faxing, auto redial, delayed sending, fax/PC interface (send only), 90 fax speed dial numbers, 90 page fax memory (Based on ITU-T Test image # 1 at standard resolution. More complicated pages or higher resolution may reduce number of pages stored in memory.)

Scanner Type/Input Modes
flatbed, sheetfed through 20-sheet ADF, (8.5 x 14-inch maximum document size)

Scan Resolution
optical resolution: 600 dpi; hardware resolution: 600 x 2400 dpi; enhanced scan resolution: up to 19,200 dpi (the maximum dpi is limited by available computer memory, disk space and other system factors); color bit depth: 36-bit, 256 grayscale levels

Scan Speed**
preview speed: 28 sec; OCR/US Letter size page: 36 sec; 4 x 6 color photo: 26 sec
** scan speeds vary according to complexity of document

Copy Resolution
black text and graphics: 600 x 1200 dpi color text and graphics: up to 1200 x 1200 dpi

Copier Features
maximum number of copies: up to 99
reduction/enlargement: 25 to 400% from glass; 50 to 200% from ADF

Copy Speed
black: up to 17 cpm; color: up to 12 cpm

Copier Settings
Stand-alone copying: fit-to page (from glass only) 100% reduce/enlarge

External I/O Ports
1 USB

Paper Handling
input: 100-sheet input tray, 20-sheet ADF
input capacity: up to 100 U.S. letter, up to 30 transparencies; up to 30 cards; up to 10 envelopes (envelope feeder); up to 20 label sheets
output capacity: 25-sheet output tray; up to 5 envelopes; up to 10 cards; up to 10 transparencies

Media Types
paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless 4 x 6 photos with HP Premium Plus Photo paper (4 x 6.5 inch)

Media Sizes and Weights
sizes: U.S. letter, legal, executive, index cards, envelopes (U.S. #9, #10, A2)
weight: 20 to 24 lb (U.S. letter, legal, envelopes); 110 lb index maximum (cards); up to 145 lb (4 x 6 photo paper)

Compatible Operating Systems
Microsoft® Windows® 98, 98SE, Me, 2000 Professional, XP; Macintosh® OS 9.1, X

Minimum System Requirements
CD-ROM drive; available USB port and USB cable (cable not included); internet access and sound card recommended; SVGA 800 x 600 monitor with 16-bit color; Microsoft Internet Explorer® 5.01 or higher and Adobe® Acrobat® 4 or higher recommended; hp memories disc creator software requires CD-writer and 700 MB additional hard disk space; full color scanning requires additional 50 MB hard disk space
For PC: any Intel® Pentium® II or Celeron® processor (Pentium III or higher recommended); Microsoft Windows 98, 98SE, Me, 2000 Professional or XP; 128 MB RAM for 2000, 98, 98SE, XP (256 MB RAM or higher recommended for all operating systems); 950 MB available hard disk space for software installation for 98, 98SE, and Me (1.1 GB recommended), 1.1 GB available hard disk space for software installation for 2000 and XP (1.2 GB recommended)
For Macintosh: G3 processor (G4 or higher recommended); Mac® OS 9.1 or OS X; 64 MB RAM for OS 9.1 (128 MB or higher recommended); 128 MB for OS X (256 MB or higher recommended); 100 MB available hard disk space for software installation for OS 9.1, 200 MB for OS X
(Windows 95, 3.1 NT® 4.0 and DOS are not supported; Mac OS 9.0 and earlier are not supported.)

Memory
2 MB ROM, 16 MB RAM

Dimensions (w x d x h)/Weight
18 x 11.3 x 9.25 in, 18 x 17.8 x 9.25 with tray fully extended (454 x 288 x 452 x 235 mm with tray fully extended)/11.8 lb (5.33 kg)

Operating Environment
operating temperature (maximum): 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
input voltage: 100 to 240 VAC (+/- 10%) grounded, input frequency: 50 to 60 Hz (+/- 3 Hz); current: 1 amp
power consumption: 75 watts maximum

Acoustics
sound power: 5.5 B(A) color printing; 6.0 B(A) b/w printing; 6.0 B(A) b/w copying; 3.3 B(A) idle
sound pressure: 44 dB(A) color printing; 48 dB(A) b/w printing; 48 dB(A) b/w copying; 21 dB(A) idle

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

ordering information

hp officejet 5510 all-in-one
Q3435A   hp officejet 5510 all-in-one printer, fax, scanner, copier

hp officejet 5510 all-in-one printer, fax, scanner, copier; 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); hp photo & imaging software, hp memories disc creator on CD-ROM; setup poster; reference guide; power supply and power cord; phone cord

for more information
Visit us on the world wide web at **www.hp.com**.

Replacement Ink Cartridges

uses one black and one tri-color cartridge

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

HP business communication paper & film

HP bright white inkjet paper

HPB250	250 sheets
HPB1124	500 sheets

HP inkjet everyday paper

HPD400	400 sheets

HP brochure and flyer paper

C6817A	glossy, 50 sheets
Q1987A	glossy, 150 sheets
C6955A	matte, 50 sheets
Q5445A	matte, 100 sheets

HP premium inkjet transparency film

C3828A	20 sheets
C3834A	50 sheets

HP tri-fold brochure paper

C7020A	glossy, 100 sheets
Q5443A	matte, 100 sheets

HP photo papers

HP photo paper

C1846A	letter size, 25 sheets
C7890A	4 x 6 in., 20 sheets
C7893A	4 x 6 in., 60 sheets

HP everyday photo paper

Q2509A	semi-gloss, letter size, 100 sheets
C7007A	matte, letter size, 100 sheets
Q5440A	semi-gloss, 4 x 6 in., 100 sheets

HP premium photo paper

C6039A	glossy, letter size, 15 sheets
C6979A	glossy, letter size, 50 sheets
Q1993A	matte, letter size, 15 sheets
Q1994A	matte, letter size, 50 sheets
Q1988A	glossy, 4 x 6 in., 20 sheets
Q1989A	glossy, 4 x 6 in, 60 sheets
Q1990A	glossy, 4 x 6 in., 100 sheets

HP premium plus photo paper

C6831A	glossy, letter size, 20 sheets
Q1785A	glossy, letter size, 50 sheets
Q1977A	glossy, 4 x 6 in, 20 sheets
Q1978A	glossy, 4 x 6 in., 60 sheets
Q5431A	glossy, 4 x 6 in., 100 sheets
Q2506A	matte, 4 x 6 in., 60 sheets
Q2502A	glossy, 4 x 6 in., borderless, 60 sheets

C6950A	matte, letter size, 20 sheets
Q5450A	matte, letter size, 50 sheets

HP creative papers

HP matte greeting card, quarter-fold

C1812A	white, 20 sheets/envelopes

HP textured greeting card, half-fold

C7019A	white, 20 sheets/envelopes
C6828A	ivory, 20 sheets/envelopes

HP linen greeting card, half-fold

Q1788A	white, 20 sheets/envelopes
Q1787A	ivory, 20 sheets/envelopes

HP photo greeting card

C6044A	glossy, 10 sheets/envelopes
C7018A	matte, 20 sheets/envelopes

HP iron-on transfers

C6049A	T-shirt transfers, 12 sheets
Q1974A	Transfers for color fabrics, 6 sheets

accessories

C6518A	hp USB cable

hp
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