

TECHNICAL DATA SHEET

HP OfficeJet 590

Color Printer • Fax • Copier • Scanner

TECHNICAL SPECIFICATIONS

Printing

Print Method:
Plain paper drop-on-demand inkjet
Printer Command Language:
HP PCL Level 3
Printer I/O Interface:
Bi-directional Parallel (Centronics)

Duty Cycle

830 printed pages per month average

Print Resolution

Best Mode
Mono 600 x 600 dpi³
Color 300 x 300 dpi
Normal Mode
Mono 600 x 300 dpi
Color 300 x 300 dpi
Econofast
Mono 300 x 300 dpi
Color 300 x 300 dpi
Glossy/Transparency
Mono 300 x 300 dpi
Color 600 x 300 dpi

Print Speed

Best Mode
Mono 1.5ppm
Color .2ppm
Normal Mode
Mono 3.5ppm
Color 1ppm
Econofast
Mono 5ppm
Color 2ppm

Typefaces

Built-in (internal) fonts:
Times Roman 10, 12 point,
Courier 10, 12 point
Scalable TrueType fonts for Windows:
Arial®Black, CG Goudy Old Style, CG Goudy
Old Style Italic, CG Goudy Old Style Bold,
Phyllis, Graphite Light, Graphite Light
Narrow, CG Poster Bodoni, Lucida® Casual,
Lucida® Casual Italic, Gill Sans Shadow,
Milestone™ Font, Signet Roundhand, and PL
Benguit Frisky

Media Sizes

US letter 8.5" x 11"
US legal 8.5" x 14"
US executive 7.25" x 10.5"
Envelopes (US #10) 4.12" x 9.5"
Index Cards 4x6", 5x8"
Avery InkJet Labels

Paper

Plain 20-32 lb.
Card stock 40-60 lb.
Paper Tray 150 sheets (20 lb.)
10 envelopes
50 sheets (card stock)
Output Tray 50 sheets

Faxing

Compatibility ITU Group 3 fax/
standard Error
Correction Mode
(ECM)
Transmission Speed 6 seconds/page¹
14400 bps,
Rockwell Modem
Chip
Memory 65 pages¹
Resolution:
Standard 200 x 100 dpi
Fine 200 x 200 dpi
300 dpi 300 x 300 dpi
Photo 300 dpi grayscale
256 levels of gray
Automatic
document tray 20 sheets (20 lbs.)
Speed Dial 100 numbers

Copying

Speed:
Text 1ppm first page out,
2ppm after first
page out
Resolution:
Text 600 x 300 dpi
Image/Photo 300 x 300 dpi
256 levels of gray
up to 99
Multiple copies
Reduction/enlargement 50-200%²

Scanning

Resolution:
600 dpi enhanced (300 dpi optical)
256 levels of gray
OCR software

I/O Interface

Bi-directional Parallel (Centronics), IEEE
1284 compliant with 1284-B receptacle

Operating Specifications

Power Supply 120 V, grounded
Power Consumption 15 watts at idle,
30 watts max.
Power Requirements 120 VAC, 60Hz

PRODUCT CERTIFICATIONS

Safety Certifications:
UL, CSA, NOM, EN, TS, AS
EMI Certifications:
FCC Class B, CSA, EN, AS/NZA

ORDERING INFORMATION

To order supplies and accessories,
contact your nearest HP dealer.

HP OfficeJet Model 590 C4645A

Inkjet Print Cartridges:
HP High Capacity Black 51629A
HP High Capacity Color 51649A
HP Media:
HP Premium Transparency Film C3828A
HP Premium Inkjet Paper 51634Y
HP Bright White Inkjet Paper C1824A
HP Greeting Card Paper C1812A
HP Glossy Paper C3836A
HP Support Pack H5465A

SYSTEM REQUIREMENTS

Minimum: 486 or higher, 8 Mb of RAM,
27 Mb Hard Disk Space, VGA/256 color,
Windows 3.1X.

Recommended: Pentium, 8 Mb of RAM,
35 Mb Hard Disk Space, VGA/256 colors,
CD-ROM, ECP turned on for Parallel Port,
Windows '95.

PC required for use. Setup and configuration
changes require a PC (faxing and standard-
size copying can be performed without the
PC after setup.)

SYSTEM SOFTWARE

Works with Windows '95, 3.1X only.
Includes HP OfficeJet Document Assistant
(Fax, PC-Fax, Copy, Scan), HP OfficeJet
Manager (Setup and Configuration) and Caere®
OmniPage® Limited Edition software.

WARRANTY

One Year Express Repair

Damage caused by refilled ink cartridges not
covered by warranty.

Footnotes

- 1 Based on ITU-T test image #1 at standard resolution.
More complicated pages or higher resolution will take
longer and use more memory.
- 2 Only available using HP OfficeJet Document Assistant
software.
- 3 On plain paper only.



EPA POLLUTION PREVENTER

As an ENERGY STAR Partner,
Hewlett-Packard Company has
determined that this product
meets ENERGY STAR guidelines
for energy efficiency.



For more information visit us at:
<http://www.hp.com/go/all-in-one>

Will not operate with devices (such as switch boxes and
zip drives) between PC and HP OfficeJet.

Not for use directly connected to network. Will operate with
PC connected to network.

Not for use outside country of purchase.

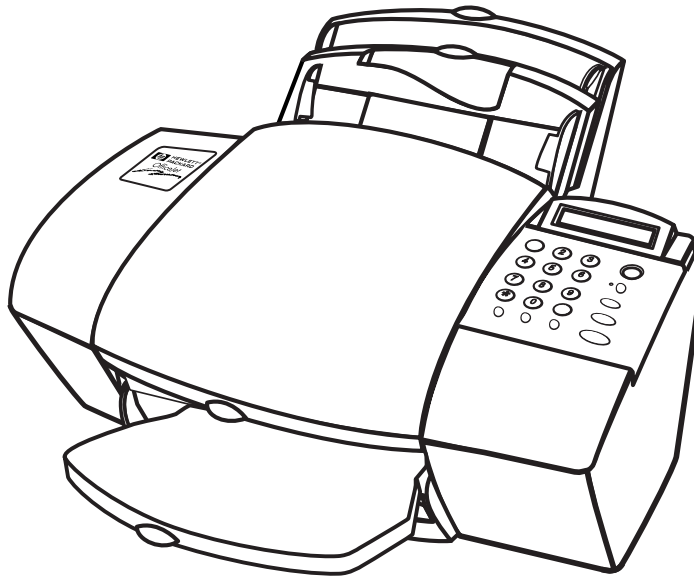
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Color Printer • Fax • Copier • Scanner



The HP OfficeJet 590 is an All-in-One product that makes it easy to complete your work. As a color printer, fax, copier, and scanner it is fully integrated and easy to use.

DESCRIPTION

The HP OfficeJet 590 is a color printer, plain paper fax, scanner and copier.

PRODUCT COMES EQUIPPED WITH:

- A power cord
- Printer/scanner interface cable
- One black print cartridge (51629A), one color print cartridge (51649A)
- CD-ROM disk containing the HP OfficeJet Series 500 software
- Online help system and user's guide
- Paper/document loading tray
- HP OfficeJet Series 500 Ready•Setup•Go Card
- Caere® OmniPage® Limited Edition Optical Character Recognition (OCR) documentation
- Fax/phone connector with attached phone cord
- Carrier sheets (for faxing and scanning smaller-than-standard-sized documents and for protecting photos)

BONUS! SOFTWARE

- Corel® Print & Photo House™ Select 2.0
- My Color Marketing Materials™
- Student Writing Center™
- Key Form Designer™ 4.0
- Calendar Creator™ 4.0

PHYSICAL SPECIFICATIONS

Dimensions

With tray installed:
17.0"w x 14.15"d x 10.15"h

Without tray installed:
17.0"w x 11.25"d x 8.15"h

Weight: 15 lbs.

PRINT

- 600 x 600 dpi black with Resolution Enhancement technology (REt)
- 600 x 300 dpi color with HP ColorSmart technology
- Up to 5 ppm black and 2 ppm color
- Plain paper, transparencies, glossy paper, premium inkjet paper, envelopes, labels, and card stock
- 150 sheet paper tray
- Letter, legal, executive size paper
- Single envelope feeder
- 10 envelopes in tray

FAX

- Plain paper and PC faxing
- 100 speed dials
- 65 page memory¹
- 14.4 Kbps transmission speed
- Fine, standard, 300 dpi and photo transmission resolutions
- Automatic document reduction
- Automatic redial up to 5 times
- Confirmation and activity reports
- 20 page automatic document tray
- Broadcasting up to 95 locations
- Error correction mode
- Junk fax barrier
- Fax forwarding
- Distinctive ring detect
- Automatic fax/answering machine switching

COPY

- 600 x 300 dpi text
- 300 x 300 dpi graphic/photos
- Sheet-fed design with adjustable feeder
- Up to 99 copies from original
- Digital zoom from 50% to 200%²
- Collation/Correct Order Output²
- Image processor for high quality photo mode

SCAN

- 600 dpi enhanced (300 dpi optical)
- Caere® OmniPage® Ltd. Ed. OCR software included
- TWAIN interface
- 256 levels of gray

Footnotes

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