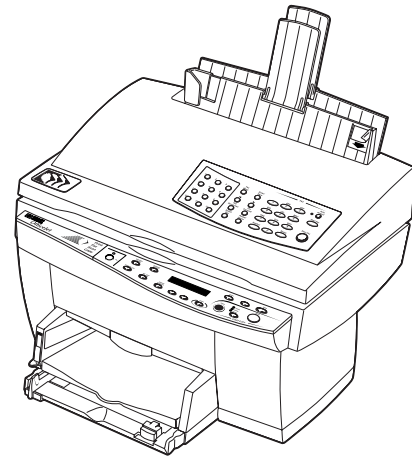


TECHNICAL DATA SHEET

HP OfficeJet R80 Printer/Fax/Scanner/Copier



The reliable HP OfficeJet R80 is an All-in-One color printer, plain paper fax, color scanner and color copier, delivering top-of-the line office essentials in one full-featured professional product.

PRINT

- 600 x 600 dpi black with Resolution Enhancement technology (REt)
- 600 x 600 dpi color with HP PhotoREt II¹

Method	Drop-on-demand thermal inkjet
Language	HP PCL Level 3 or PCL3 GUI
I/O Interface	Bi-directional Parallel
Duty Cycle	3000 printed pages per month (avg)

	Resolution (dpi)	Speed (ppm)
Best		
Black	600 x 600	4.4
Color	600 x 600	1
Normal		
Black	600 x 600	5.1
Color	600 x 300	3.6
Fast		
Black	600 x 300	11
Color	300 x 300	8.5

Print Margins (Inches)

	Top	Bottom	Left	Right
US Letter	.04	.46	.25	.25
US Legal	.04	.46	.25	.25
Envelopes	.125	.125	.04	.46
Cards (3"x5", 4"x6", 5"x8")	.04	.46	.125	.125
Banners (8.5" x 11")	0	0	.25	.25

Built-in Fonts

Courier, Courier Italic; CG Times, CG Times Italic; Letter Gothic, Letter Gothic Italic; Univers, Univers Italic.

Note

1. HP PhotoREt II is HP's color-layering print technology. Unlike DPI, which places blue dots next to yellow dots to create the illusion of green, HP's process mixes the colors to create real green, purple and millions of other solid colors.

FAX

- 100 speed dials with 12 one-touch keys including 25 location groups
- 100 page memory²
- 30 page automatic document feeder (letter)
- 15 page automatic document feeder (legal)
- Send/Receive legal and letter size
- Automatic document reduction (legal to letter)
- Automatic redial (up to 5 times)
- Confirmation and activity reports

FAX (CONT.)

- CCITT/ITU Group 3 fax
- Error Correction Mode
- 6 seconds/page² at 14.4 Kbps
- Broadcast to 25 locations
- Ring detect with automatic fax/answering machine switching
- Delayed faxing

	Resolution
Standard	203 x 98 dpi
Fine	203 x 196 dpi, 256 levels of gray
Superfine	300 x 300 dpi or 203 x 392 dpi, 256 levels of gray

Note

2. Based on ITU-T Test Image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

SCAN

- Scan to destinations: Microsoft Word, Microsoft PowerPoint, Adobe® PhotoDeluxe™, email and more
- Image editor included (Adobe PhotoDeluxe)
- Built-in OCR software automatically converts to editable text and retains columns
- Flatbed scanning, maximum of A/A4 media
- 600 x 2400 dpi, up to 9600 dpi enhanced
- 30-bit Hardware image processing / 30-bit A/D / 24-bit external
- 8-bit grayscale (256 levels of gray)
- Twain compliant

COPY

- 600 x 2400 dpi optical color³ and black/white
- 30-bit Hardware image processing / 30-bit A/D / 24-bit external
- 8-bit grayscale (256 levels of gray)
- Digital image processing
- 30 page automatic document feeder
- Up to 99 copies from original
- Up to 11 cpm black, 8.5 cpm color
- Digital zoom from 25-400%
- Poster, Super-Zoom, Mirror, 2 on 1, Clone, Auto Fit, Custom

	Print Resolution (dpi)	Scan Resolution (dpi)*	Speed (ppm)
Best			
Black	600 x 600	600 x 2400	1.2
Color	600 x 600	600 x 2400	0.5
Normal			
Black	600 x 600	300 x 1200	9
Color	600 x 300	300 x 1200	2.7
Fast			
Black	300 x 600	300 x 1200	11
Color	300 x 300	300 x 1200	8.5

*Max – at 400% scaling

Copy Margins (Inches)

	Top	Bottom	Left	Right
US Letter/Legal				
Copy at 100% and Clone	.04	.46	.25	.25
Reductions/ Enlargements and Special Modes	.46	.46	.38	.38
2 on 1 (letter)	.38	.38	1.05	1.05
2 on 1 (legal)	.9	.9	.3	.3

Note

3. Letter size only. Legal size documents can only be copied in black & white.

HP OFFICEJET R80 INCLUDES:

- Power cord
- Bi-directional parallel cable
- Color print cartridge (1), black print cartridge (1)
- HP OfficeJet R Series software (CD-ROM)
- User's Guide, Online Help
- Fax/Phone connector with attached phone cord
- HP PrecisionScan⁴
- Adobe PhotoDeluxe Business Edition
- KMT Office in Color™ Business templates for use with Microsoft Office 95, Office 97 and Office 2000
- HP FontSmart 3.0 font management program

Note

4. HP PrecisionScan is HP's state-of-the-art scan technology which simultaneously scans and optimizes photos, text and line art. It even recognizes and retains columns. And with the OCR software, the need to retype text is eliminated.

HP OFFICEJET R80 SPECIFICATIONS

Media Sizes

US letter	8.5" x 11"
US legal	8.5" x 14"
Envelopes	US #10 (4.12" x 9.5"), US #9 (3.875" x 8.875"), A2 (4.37" x 5.75")
Index Cards	3" x 5", 4" x 6", 5" x 8"
Labels	Avery InkJet 8160, 8162, 8163
Custom Sizes	3" x 3" up to 8.5" x 14"

Paper Tray Capacity

	Weight	Input Tray*	Output Tray*
Plain paper	16-24 lb.	100	50 black, 20 color
Card stock	110 lb. Index, up to 0.3 mm	30	10
Envelopes	20-24 lb.	15	10
Banners	20 lb.	20	20 or less
Transparencies	N/A	25	25 or less

* Maximum capacity

Automatic Document Feeder

	Weight	Quantity
Letter*	16-24 lbs.	30
Legal*	16-24 lbs.	15

* Supports plain paper and most HP speciality papers. Does not support photo papers, transparencies, envelopes or labels.

System Requirements

Minimum	Recommended
Pentium 90 for Windows 95, 98	Pentium 166 for Windows 95, 98
Pentium 133 for Windows NT 4.0	Pentium 166 for Windows NT 4.0
32 MB RAM for Windows 95, 98	32 MB RAM for Windows 95, 98
32 MB RAM for Windows NT 4.0	64 MB RAM for Windows NT 4.0
50 MB hard disk space for installation	210 MB hard disk space for installation
Bi-directional parallel port	Bi-directional parallel port with ECP enabled
	Internet access

- 50 MB or more free disk space after installation for full color scanning
- SVGA (256 color) monitor
- CD-ROM Drive
- Windows 3.1, DOS or Macintosh are NOT supported
- Windows 2000 availability and system requirements can be found on our website at: <http://www.hp.com/go/all-in-one>

5968-1745EUS

I/O Interface

Bi-directional parallel, IEEE 1284C-compliant

Memory

4.0 MB ROM, 4.0 MB RAM

Physical

Dimensions	18.45" W x 17.25" D x 19.75" H
Weight	33.1 lbs.

Power

Source (Input) Voltage	100-240 VAC ⁵
Input Frequency	50-60 Hz
Current	1A maximum

Operating Environment

Operating Temperature Ranges	32°-113° F
Recommended Operating Temperature Ranges	41°-104° F
Humidity	15-80% RH non-condensing
Non-Operating (Storage) Temperature Ranges	104°-158° F

Noise Levels per ISO 9296

Sound power LwAd	5.5 dB(A)
Sound pressure LpAdm	42 dB(A)

Certifications

Safety	EN, IEC, UL, CSA, NOM, EMKO
EMC	EN, FCC, VCCI, IEC, AS/NZA, CNS (BCIQ)

Note

5. Figures based on using the AC adapter that came with your HP OfficeJet (HP part number 0950-2880).

COMPLIANCE

- Year 2000 compliant

NETWORKING

Compatible with the Jet Direct 170X Print Server; provides network printing and limited scanning capabilities. Some of the scanning functionality offered in the HP OfficeJet R Series software is not available when networking.

ORDERING INFORMATION

HP OfficeJet R80 C6684A

Inkjet Print Cartridges

HP Large Black cartridge 51645A

HP Large Color cartridge C1823D

HP Economy Black cartridge 51645G

HP Economy Color cartridge C1823G

HP Media

HP Premium InkJet Transparency Film,

20 sheets C3828A

50 sheets C3834A

HP Premium InkJet Rapid Dry

Transparency Film, 50 sheets C6051A

HP Premium Inkjet Paper, 200 sheets 51634Y

HP Premium Inkjet Heavyweight Paper,

100 sheets C1852A

HP Photo Paper, 20 sheets C1846A

HP Premium Photo Paper, 15 sheets C6039A

HP Bright White Inkjet Paper, 500 sheets C1824A

HP Bright White Inkjet Paper, 200 sheets C5976A

HP Greeting Card Paper, 20 sheets C1812A

HP Glossy Greeting Card Paper, 10 sheets C6044A

HP Banner Paper, 100 sheets C1820A

HP Iron-On T-Shirt Transfers, 10 sheets C6049A

HP Professional Brochure & Flyer paper,

matte C6955A

Avery Labels

Extended Warranty

HP Support Pack H5467A

HP ON THE WEB

Visit us at <http://www.hp.com/go/all-in-one> for a hands-on product tour, Windows 2000 availability and system requirements, networking capabilities, drivers, Smart Tools, and design guidance for all your projects.

WARRANTY

Backed by HP Customer Care including one year warranty. Damage caused by refilled ink cartridges not covered by warranty. Not for use outside of the USA.

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