



HP PSC 2170 All-in-One Series - HP PSC 2170 Series All-in-One Product Specifications

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HP product models

Model	Part number
PSC 2170	Q3067A
PSC 2175	Q3068A
PSC 2175xi*	Q3069A
PSC 2175v*	Q3070A
PSC 2171*	Q3072A
PSC 2179*	Q3071A

*Not available in every country/region

Figure 1: The HP PSC 2170 series



Minimum system requirements - Windows

Operating system	Minimum system requirement

DOS Windows 3.x Windows 95 Windows NT 4.0	Not supported
Windows 98 Windows 98SE Windows Me Windows 2000* Windows XP	Any Intel Pentium II, Celeron, or compatible processor 64 MB RAM for Windows 98 and Me, 128 MB RAM for Microsoft Windows 2000 and XP 300 MB free disk space plus an additional 50 MB free disk space for saved images SVGA Monitor 800 x 600 with 16-bit color CD-ROM drive Available USB port** Internet Explorer 5.0 or higher Adobe Acrobat 4 or higher

* Service Pack 2 or higher required

** USB cable not included.

Recommended system requirements

- 333 MHz Intel Pentium or higher or equivalent processor
- 128 MB RAM
- Internet access
- Sound card

Minimum system requirements - Macintosh

Operating system	Minimum system requirement
Macintosh OS 9.1, OS X	G3 Processor or higher. 128 MB RAM 250 MB available hard disk space (plus 50 MB for saving full-color scanned images) Available USB port for direct connect CD-ROM drive 800 x 600 screen resolution and 256-color display

Recommended system requirements

- 500 MHz G4 processor or higher
- 256 MB RAM
- Internet access
- Sound card
- Additional 700 MB of hard disk space and CD writer for HP Memories Disk Creator software

Printing specifications

Ink cartridge part numbers

Ink cartridges	Part number
HP 56 black ink cartridge (19 ml)	C6656A
HP 57 tri-color ink cartridge (17 ml)	C6657A
HP 58 tri-color photo cartridge ¹ (17 ml)	C6658A
HP 27 low capacity black ink cartridge (10 ml)	C8727A

¹Replaces the black ink cartridge for six ink photo printing and includes cartridge holder.

Model specific print features

Feature	HP PSC 2170	HP PSC 2175	HP PSC 2175xi	HP PSC 2175v	HP PSC 2171	HP PSC 2179
Print Speed (Black/Color pages per minute)	Up to 16/12	Up to 18/13	Up to 18/13	Up to 18/13	Up to 16/12	Up to 18/13

Print resolution

Mode	Type	Resolution - dots per inch (dpi)
Best	Black	1200 x 1200 ¹
	Color	1200 x 1200 (up to 4800 dpi optimized ²)
Normal	Black	600 x 600
	Color	600 x 600
Everyday	Black	600 x 600
	Color	600 x 600
Fast	Black	300 x 300
	Color	300 x 300

¹When printing on premium papers with 1200 dpi Inkjet text rendering enabled in the Print Properties

²When printing on photo quality paper with 4800 dpi enhanced mode enabled in the Print Properties.

Print method

Drop-on-demand thermal Inkjet

Duty cycle

- 500 printed pages per month average
- 2000 printed pages per month maximum

Print language and technology

- Print technology: HP PhotoREt III and IV color layering technology capable
- Print language: HP PCL level 3, PCL3 GUI or PCL 10

I/O interface

USB

Copying specifications

General copy features

- Up to 600 x 1200 black copy resolution
- Up to 1200 x 1200 color copying resolution on premium photo paper
- Walk up black and white or color copying
- Digital image processing
- Up to 99 copies from one original (varies by model - refer to the model specific information below)
- Digital zoom (varies by model - refer to the model specific information below)

Model specific copy specifications

Feature	HP PSC 2170	HP PSC 2175	HP PSC 2175xi	HP PSC 2175v	HP PSC 2171	HP PSC 2179
Digital zoom (percentage)	50 - 200	50 - 400	50 - 200	25 - 200	50 - 400	25 - 400
Maximum copy speed black - pages per minute	Up to 16	Up to 18	Up to 18	Up to 18	Up to 16	Up to 18
Maximum copy speed color - pages per minute	Up to 12	Up to 13	Up to 13	Up to 13	Up to 12	Up to 13
Maximum number of Copies	50	50	99	50	99	99

Scanning specifications

- Scans at 1200 x 2400 dpi optical resolution, up to 19,200 dpi with digital enhancement. The maximum scan dpi may be limited by available computer memory, disk space and other system factors.
- Up to 48-bit color depth when scanning to graphics software capable of 48-bit color depth (not included); 24-bit color depth without purchasing separate software
- Up to 8-bit grayscale (256 levels of gray)
- TWAIN scanning compliant
- Scanning area: A4-size/US Letter maximum
- HP Photo and Imaging software
- ReadIris Pro optical character recognition (OCR) software

Margin specifications

NOTE: The copy function only supports US letter and A4 sized paper.

Sheet paper

Paper type	Top	Bottom	Left and Right
US Letter US Legal US Executive	1.8 mm (.07 inch)	11.7 mm (.46 inch)	6.4mm (.25 inch)
ISO A4 ISO A5 JIS B5	1.8 mm (.07 inch)	11.7 mm (.46 inch)	3.2 mm (.13 inch)

Envelopes

Paper type	Top	Bottom	Left and Right
US #10 A2 DL C6	3.2 mm (.13 inch)	11.7 mm (.46 inch)	3.2 mm (.13 inch)

Cards

Paper type	Top	Bottom	Left and Right
US 3 x 5 inch US 4 x 6 inch US 5 x 8 inch ISO and JIS A6 Hagaki	3.2 mm (.13 inch)	11.7 mm (.46 inch)	3.2 mm (.13 inch)

Paper specifications

Type	Weight	Input tray	Output tray	Supported sizes
Plain paper	60 to 90 g/m ² (16 to 24 pounds)	100	50 black 20 color	Letter: 215.9 x 279.4 mm (8.5 x 11 inches) Legal: 215.9 x 355.6 mm (8.5 x 14 inches) Exec: 184.2 x 266.7 mm (7.25 x 10.5 inches) A4: 210 x 297 mm (8.27 x 11.7 inches) A5: 148 x 210 mm (5.83 x 8.27 inches) B5: 182 x 257 mm (7.17 x 10.12 inches)
Cards	Up to 200 g/m ² (110 pounds max.)	40	40	Index: 76.2 x 127 mm (3 x 5 inches) Index: 101.6 x 152 mm (4 x 6 inches) Index: 127 x 203.2 mm (5 x 8 inches) A6: 105 x 148.5 mm (4.13 x 5.85 inches) Hagaki: 100 x 148 mm (3.94 x 5.83 inches)
Envelopes	75 to 90 g/m ² (20 to 24 pounds)	15	10	US #10: 104.8 x 241.3 mm (4.13 x 9.5 inches) A2: 111 x 146 mm (4.4 x 5.75 inches) DL: 110 x 220 mm (4.3 x 8.66 inches) C6: 114 x 162 mm (4.49 x 6.38 inches)
Banners	60 to 90 g/m ² (16 to 24 pounds)	20	20	Letter: 215.9 x 279.4 mm (8.5 x 11 inches) A4: 210 x 297 mm (8.27 x 11.7 inches)
Transparencies	N/A	25	25	Letter: 215.9 x 279.4 mm (8.5 x 11 inches) A4: 210 x 297 mm (8.27 x 11.7 inches)
Labels	N/A	20	20	Letter: 215.9 x 279.4 mm (8.5 x 11 inches) A4: 210 x 297 mm (8.27 x 11.7 inches)
4 x 6 Photo	236 g/m ² (145 pounds)	30	30	101.6 x 152 mm (4 x 6 inches)
Custom media	34 g/m ² (9 pounds)	N/A	N/A	76.2 x 127 up to 216 x 356 mm (3 x 5 inch up to 8.5 x 14 inches)

Internal memory buffer specifications

- 8 MB RAM
- 1 MB ROM

Physical specifications

Dimension	Size
Height	22.0 cm (10.7 inches)
Width	46.3 cm (17.8 inches)
Depth*	37.0 cm (14.1 Inches)
Weight	7.82 kg (17.25 lbs)

* With the paper tray in position.

Electrical specifications

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Specification	Range
Consumption	75 W maximum 4 Watts idle
Source input voltage	100 - 240 Volts alternating current (VAC), grounded
Input frequency	50 - 60 Hz
Current	1.0 A maximum

Environmental specifications

Environment	Range
Recommended Operating Temperature range	15 to 32 degrees Celsius 59 to 90 degrees Fahrenheit
Allowable Operating Temperature Range	5 to 40 degrees Celsius 41 to 104 degrees Fahrenheit
Non-operating (Storage) Temperature Range	-40 to 60 degrees Celsius -40 to 140 degrees Fahrenheit
Humidity	15 to 85 percent RH non-condensing

Sound level specifications

Specification	Sound level
Level of sound power per ISO 9296 in bels	Color printing - 5.5 Black and White printing - 6
Acoustic Pressure Emissions in decibels	Color printing - 42 Black and White printing - 47

Declaration of conformity

The HP PSC 2170 conforms to the following product specifications:

Safety

EN60950: 1992 +A1, A2, A3, A4, and A11
IEC60950: 1991 +A1, A2, A3, and A4
UL1950/CSA 22.2 No. 950, 3rd Edn: 1995
NOM-019-SCFI-1993
IEC 60825-1:1993 +A1 / EN 60825-1:1994 +A11 Class 1 (Laser/LED)

EMC

CISPR22: 1993 +A1 and A2 / EN55022: 1994 +A1 and A2 -Class B
CISPR24: 1997 / EN55024: 1998
IEC 61000-3-2: 1995 / EN61000-3-2: 1995
IEC 61000-3-3: 1994 / EN61000-3-3: 1995
AS / NZS 3548: 1992
CNS 13438
FCC Part 15-Class B / ICES-003, Issue 2 / VCCI-2
GB 9254-1998

Telecom

TBR21: 1998, EG 201 121:1998

Safety certifications

Certification	Description
Main Unit Safety	CE, UL, CuI, NOM
Power Supply Safety	CE, UL, PSB, NEMKO, CSA, NOM, PSBC, JUN, MITI
EMI	CE, VCCI, VSMI, FCC, C-Tick