



[» Return to original page](#)

HP Photosmart D7100 Series Printers - Product Specifications

- Model numbers
- System requirements
- Printer specifications
- Paper handling
- Ink cartridges
- Print speed
- Physical dimensions
- Power specifications
- Environmental specifications

Model numbers

Figure 1: HP Photosmart D7100 series printer



Printer model	Part number
HP Photosmart D7145 Printer	Q7048A
HP Photosmart D7155 Printer	Q7049A
HP Photosmart D7160 Printer	Q7046A
	Q7047A
	Q7047B
	Q7050A

	Q7050C
HP Photosmart D7163 Printer	Q7047C
HP Photosmart D7168 Printer	Q7047D

System requirements

Windows

Component	Details
Operating system	Windows 98, 98SE, 2000 Professional, Me, XP Home, and XP Professional
Processor	Intel Pentium II (or equivalent) and higher
RAM	64 MB (128 MB recommended)
Free disk space	500 MB
Video display	800 x 600 pixels, 16-bit or higher
CD-ROM drive	4x
Connectivity	USB : Windows 98, 2000 Professional, Me, XP Professional, and XP Home PictBridge : Using front camera port Bluetooth : Using optional HP Bluetooth wireless printer adapter
Internet Explorer version	Internet Explorer 5.5 or higher

Macintosh

Component	Details
Operating system	OS X v 10.3, 10.4. and higher
Processor	G3, G4, G5 or Intel Core Duo or greater
RAM	128 MB
Free disk space	150 MB
Video display	800 x 600 pixels, 16-bit or higher
CD-ROM drive	4x
Connectivity	USB : Front and back ports for Mac OS X v 10.3, 10.4, or higher PictBridge : Using front camera port Bluetooth : Using optional HP Bluetooth wireless printer adapter
Internet Explorer version	Not applicable

Printer specifications

Specification	Details
Resolution	Black : 1200 x 1200 dots per inch (dpi) Color : 4800 x 1200 dpi
Connectivity	USB : Windows 98, 2000 Professional, Me, XP Home, and XP Professional; Mac OS X 10.3, 10.4, and later

NOTE: HP recommends using a USB 2.0 full-speed compliant cable 3 meters (10 feet) or less in length.

	PictBridge : Using front camera port
	Bluetooth : Using optional HP Bluetooth wireless printer adapter
Image file formats	JPEG Baseline
	TIFF 24-bit RGB uncompressed interleaved
	TIFF 24-bit YCbCr uncompressed interleaved
	TIFF 24-bit RGB packbits interleaved
	TIFF 8-bit gray uncompressed/packbits
	TIFF 8-bit palette color uncompressed/packbits
	TIFF 1-bit uncompressed/packbits/1D Huffman
Video file formats	Motion JPEG AVI
	Motion JPEG QuickTime
	MPEG-1
Media types supported	Paper: plain, inkjet, photo, and panoramic photo
	Envelopes
	Transparencies
	Labels
	Cards: index, greeting, Hagaki, A6, L-size
	Iron-on transfers
	Avery C6611 and C6612 photo sticker paper: 10 x 15 cm (4 x 6 inch), 16-rectangular or oval stickers per page
Memory cards	CompactFlash Type I and II
	Microdrive
	MultiMediaCard
	Secure Digital
	Memory Sticks
	xD-Picture Card
Memory card-supported file formats	Printing : <ul style="list-style-type: none"> • JPEG Baseline • TIFF 24-bit RGB uncompressed interleaved • TIFF 24-bit YCbCr uncompressed interleaved • TIFF 24-bit RGB packbits interleaved • TIFF 8-bit gray uncompressed/packbits • TIFF 8-bit palette color uncompressed/packbits • TIFF 1-bit uncompressed/packbits/1D Huffman

Saving : All file formats

Duty cycle

Up to 3000 pages per month.

Paper handling

Media (paper) thickness

Specification	Details
Maximum paper thickness	292 µm (11.5 mil)
Maximum envelope thickness	673 µm (26.5 mil)

Supported paper sizes

Specification	Details
Supported sizes when printing from a computer	Width : 76 to 216 mm (3 to 8.5 inches) Length : 127 to 610 mm (5 to 24 inches)
Supported sizes when printing from the control panel	A4: 210 x 297 mm (8.3 x 11.7 inches) A6: 105 x 148.5 mm (4.1 x 5.9 inches) 10 x 15 cm (4 x 6 inches) with tab 10 x 15 cm (4 x 6 inches) without tab 89 x 127 mm (3.5 x 5 inches) 102 x 305 mm (4 x 12 inches) 127 x 178 mm (5 x 7 inches) 203 x 254 mm (8 x 10 inches) 216 x 279 mm (8.5 x 11 inches) Hagaki: 100 x 148 mm (3.9 x 5.8 inches)

Print margin specifications

Paper size	Top (leading edge)	Bottom (trailing edge)	Left and Right margins
US Letter	3 mm (0.12 inches)	3 mm (0.12 inches)	7.1 mm (0.28 inches)
US Legal			
US Executive			
ISO A4	3 mm (0.12 inches)	3 mm (0.12 inches)	7.1 mm (0.28 inches)
ISO A5			
JIS B5			
Envelopes	3 mm (0.12 inches)	3 mm (0.12 inches)	7.1 mm (0.28 inch)
Cards	3 mm (0.12 inches)	3 mm (0.12 inches)	7.1 mm (0.28 inch)

Paper tray capacity

Specification	Details
Main tray	Up to 100 sheets of plain paper Up to 14 envelopes Maximum of 20 to 40 cards

NOTE: The maximum number of cards supported by the main tray depends on the thickness of the cards.

	Up to 30 sheets of labels
	Up to 25 transparencies, iron-on transfers, or photo paper
Photo tray	Up to 10 sheets of photo paper
Output tray	Up to 20 sheets of photo paper
	Up to 50 sheets of plain paper
	Up to 10 cards or envelopes
	Up to 25 sheets of labels or iron-on transfers

Ink cartridges

Check cartridge compatibility for your printer in the following places:

- Cartridge compatibility charts for each printer type:
 - HP Deskjet and Deskwriter (bpa00585) (in English)
 - HP All-in-One, HP Fax, and HP Color Copier Products (bpa00586) (in English)
 - HP Photosmart (bpa02108) (in English)
- In the printer documentation: Look up ordering print cartridges or check the back cover of the manual that came with your printer.
- In the printer toolbox on your computer (only if HP printer drivers are installed)
- On the cartridge package

Print speed

Black printouts	Up to 32 pages per minute *
Color printouts	Up to 31 pages per minute *
Photos	Up to 14 seconds for each 10 x 15 cm (4 x 6 inch) photo *

* Print speed when the printer is in Fast Draft mode.

Physical dimensions

Dimension	Size
Height	179 mm (6.8 inches)
Width	462.5 mm (18.2 inches)
Depth	387 mm (15.25 inches)
Weight	7.7 kilograms (17.0 pounds)

Power specifications

Category	Specification
Power consumption	Printing, average: 75 watts
	Printing, maximum: 94 watts
	Idle: 13.3 to 16.6 watts
Input voltage	100 to 240 (±10 percent) volts, alternating current
Input frequency	50 to 60 Hz (±3 Hz)

Environmental specifications

HP recommends using a Universal Serial Bus (USB) cable less than or equal to 3 m (10 feet) in length to minimize injected noise due to potential high electromagnetic fields.

Recommended operating conditions

Recommended operating conditions	Specification
Temperature	15 to 30 degrees C (59 to 86 degrees F)
Humidity	20 to 80 percent relative humidity non-condensing

Maximum operating conditions

Recommended operating conditions	Specification
Temperature	5 to 40 degrees C (41 to 104 degrees F)
Humidity	10 to 80 percent relative humidity non-condensing

Maximum storage conditions

Recommended operating conditions	Specification
Temperature	-40 to 60 degrees C (-40 to 140 degrees F)
Humidity	10 to 80 percent relative humidity non-condensing

Still not finding what you're looking for?

Search »

Contact HP via e-mail »

» [Return to original page](#)

[Privacy statement](#)

[Using this site means you agree to its terms](#)

© 2007 Hewlett-Packard Development Company, L.P.