HP Photosmart Premium Fax All-in-One Printers (C410a, C410b, C410c, C410d, C410e) - Product Specifications

Product Specifications

Figure 1: HP Photosmart Premium Fax All-in-One printer series (C410)

Image of the product.

HP Photosmart Premium Fax All-in-One Printer Series (C410) model numbers

Product model	Part number
HP Photosmart Premium All-in-One C410a Printer	CQ521A
	CQ522A
HP Photosmart Premium All-in-One C410b Printer	CQ521B
HP Photosmart Premium All-in-One C410c Printer	CQ521C
HP Photosmart Premium All-in-One C410d Printer	CQ521D
HP Photosmart Premium All-in-One C410e Printer	CQ523C

System requirements

The following sections contain the system requirements for supported Windows and Macintosh operating systems.

Windows system requirements

Supported Windows operating systems: Windows XP, Windows Vista, and Windows 7.

> **NOTE:** This product does not support Windows XP Professional x64 Edition, Windows 2000, 95, 98, 98 Second Edition, Me, 3.1, NT 4.0, 2003 and 2008 Server.

Operating	Feature	Minimum system requirement

system		
Windows XP	Processor	Any Intel® Pentium® II, Celeron®, or compatible processor, 233 MHz (**Pentium III 300 MHz or higher recommended**)
	RAM	128 MB (**256 MB or higher recommended**)
	Free disk space	600 MB
	Browser	Microsoft Internet Explorer 6.0
	Video display	SVGA 800 x 600 monitor with 16-bit color
	Connectivity for Ethernet setup	Wireless 802.11 network (**802.11n recommended**) WPS enabled wireless router or access point Wireless networking support or a network interface card (NIC)
	Connectivity for wireless setup	Wireless networking support or a network interface card (NIC)
	CD drive	CD or DVD drive
	Other	Adobe Acrobat Reader 5.0 or later Adobe Flash Player 10 or higher
Windows Vista and Windows 7	Processor	Windows Vista: A modern 800 MHz 32-bit (x86) or 64-bit (x64) Processor (**1 GHz or higher recommended**) Windows 7: 1 GHz or faster 32-bit (x86) or 64-bit (x64)
	RAM	Windows Vista: 512 MB(**1 GB or higher recommended**) Windows 7: 1 GB 32-bit (x86), 2 GB 64-bit (x64)
	Free disk space	1.3 GB
	Browser	Microsoft Internet Explorer 6.0
	Video display	SVGA 800 x 600 monitor with 16-bit color
	Connectivity for Ethernet setup	Ethernet network
	Connectivity for wireless setup	Wireless 802.11 network (**802.11n recommended**) WPS enabled wireless router or access point

		Wireless networking support or a network interface card (NIC)
	CD drive	CD or DVD drive
	Other	Adobe Acrobat Reader 5.0 or later Adobe Flash Player 10 or higher

Macintosh system requirements

Supported Macintosh operating systems: Mac OS X v10.5 and v10.6.

Component	Minimum system requirement
Processor	**Mac v10.5** : PowerPC G4, G5, or Intel Core processor **Mac v10.6** : Intel Core processor
RAM	512 MB
Free disk space	500 MB
Browser	Safari
Video display	800 x 600 monitor with 16-bit color
Connectivity for Ethernet setup	Ethernet network
Connectivity for wireless setup	Wireless 802.11 network (**802.11n recommended**) WPS enabled wireless router or access point Wireless networking support or a network interface card (NIC)
CD drive	CD or DVD drive
Other	Adobe Acrobat Reader 5.0 or later Adobe Flash Player 10 or higher

Physical dimensions

Dimension	Measure
Height	284 mm (11.2 in)
Width	468 mm (18.4 in)
Depth	473 mm (18.7 in) with tray extender closed 577 mm (22.7 in) with tray extender open
Weight	10.7 kg (23.6 lb) 10.2 kg (23.5 lb) for models sold in Japan

Cartridges

Which cartridges you use depends on your country or region. To check the cartridge compatibility for your product, right-click this link, HP SureSupply , and then click **Open in New Window** . If your language or country does not display next to the globe icon ( ) select your language and location.

Paper-handling specifications

The following sections contain information about paper-tray capacities and paper types and sizes.

Paper-tray capacities

Type	Paper weight	Input tray[1]	Output tray[2]	Photo tray[1]	Document-feeder tray[1]
Plain paper	20 to 24 lb (75 to 90 gsm)	125 sheets (20 lb paper)	50 sheets (20 lb paper)	n/a	50 sheets (20 lb paper)
Legal paper	20 to 24 lb (75 to 90 gsm)	100 sheets (20 lb paper)	10 sheets (20 lb paper)	n/a	50 sheets (20 lb paper)
Cards	110 lb index max (200 gsm)	20 cards	25 cards	20 cards	n/a
Envelopes	20 to 24 lb (75 to 90 gsm)	10 envelopes	15 envelopes	n/a	n/a
Transparency film	N/A	30 transparencies	15 transparencies	n/a	n/a
Labels	N/A	40 sheets	25 sheets	n/a	n/a
102 x 152 mm (4 x 6 in) Photo paper	145 lb (236 gsm)	30 sheets	25 sheets	20 sheets	n/a
127 x 178 mm (5 x 7 in) Photo paper	145 lb (236 gsm)	20 sheets	20 sheets	0 sheets	n/a
216 x 279 mm (8.5 x 11 in) Photo paper	n/a	40 sheets	25 sheets	n/a	n/a

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Maximum capacity.

2 Output tray capacity is affected by the type of paper and the amount of ink being used. HP recommends emptying the output tray frequently.

Paper types and sizes

Paper	Size
Letter	216 x 279 mm (8.5 x 11 in)
Legal	216 x 356 mm (8.5 x 14 in)
Executive	184 x 267 mm (7.25 x 10.5 in)
A4	210 x 297 mm (8.3 x 11.7 in)
A5	148 x 210 mm (5.83 x 8.27 in)
A6	105 x 148 mm (4.13 x 5.83 in)
B5 (ISO)	176 x 250 mm (6.9 x 9.8 in)
B5 (JIS)	182 x 257 mm (6.9 x 9.8 in)

Photo paper (with or without borders)	Size
10 x 15 cm	100 x 150 mm (3.9 x 5.9 in)
13 x 18 cm	130 x 180 mm (5.1 x 7.1 in)
4 x 6 in	101.6 x 152 mm
5 x 7 in	127 x 178 mm
8 x 10 in	203 x 254 mm
2L	127 x 178 mm (5 x 7 in)
A4	210 x 297 mm (8.3 x 11.7 in)
A5	148 x 210 mm (5.8 x 8.3 in)
A6	105 x 148 mm (4.1 x 5.8 in)
B5	182 x 257 mm (7.2 x 10.1 in)
Cabinet	120 x 165 mm (5 x 6.5 in
Hagaki (Japan only)	100 x 148 mm (3.9 x 5.8 in)
L	89 x 127 mm (3.5 x 5 in)
Letter	216 x 279 mm (8.5 x 11 in)

Post cards (plain, borderless, and tabbed)	Size
10 x 15 cm	100 x 150 mm (3.9 x 5.9 in)
4 x 6 in	101.6 x 152.4 mm

Printing specifications

- Print speeds vary according to the complexity of the document and model.

- Panorama-size printing.

- Method: drop-on-demand thermal inkjet.

- Language: PCL3 GUI.

Copying specifications

- Copy speeds vary according to the complexity of the document and model.

- Digital image processing.

- Maximum number of copies varies by model.

- Maximum copy enlargement ranging from 200-400 % (depends on model).

- Maximum copy reduction ranging from 25-50 % (depends on model).

Scanning specifications

- Image editor included.

- Twain-compliant interface.

- Resolution: up to 4800 x 9600 dpi optical (varies by model); 19200 dpi enhanced (software).

- Color: 48-bit color, 8-bit grayscale (256 levels of gray).

- Maximum scan size from glass: 216 x 297 mm (8.5 x 11.7 in).

Faxing specifications

- Walk-up black-and-white and color fax capability.

- Up to 110 speed dials (varies by model).

- Up to 120-page memory (varies by model, based on ITU-T Test Image #1 at standard resolution). More complicated pages or higher resolution takes longer and uses more memory.

- Manual fax send and receive.

- Automatic busy redial up to five times (varies by model).

- Automatic no-answer redial one time (varies by model).

- Confirmation and activity reports.

- CCITT/ITU Group 3 fax with Error Correction Mode.

33.6 Kbps transmission.

- 3 seconds per page speed at 33.6 Kbps (based on ITU-T Test Image #1 at standard resolution). More complicated pages or higher resolution take longer and use more memory.

- Ring detect with automatic fax/answering machine switching.

Memory card specifications

- Maximum recommended number of files on a memory card: 2000.

- Maximum recommended individual file size: 8 MB.

    NOTE: Approaching any of the recommended maximums on a memory card might slow down product performance.

The product supports the following memory cards.

- MMC Plus

- Memory Stick Pro Duo (adapter optional)

- Memory Stick Pro-HG Duo (adapter optional)

- MMC Mobile (RS-MMC; adapter required)

- MultiMediaCard (MMC)

- Secure Digital High Capacity (SDHC)

- Secure Digital Mini

- Secure Digital (SD)

- Secure MultiMedia Card

- TransFlash MicroSD Card (adapter required)

Power specifications

Category	Specification
Input voltage	100 to 240 Vac
Input frequency	1100 mA/50–60 Hz
Power consumption	40 watts maximum (average printing)

Environmental specifications

The following sections contain environmental specifications.

Recommended operating conditions

- Recommended operating temperature range: 15⁰ C to 32⁰ C (59⁰ F

to 90º F)

- Allowable operating temperature range: 5º C to 40º C (41º F to 104º F).

- Humidity: 15% to 80% RH non-condensing, 28º C maximum dew point.

- In the presence of high electromagnetic fields, it is possible the printed output from the HP Photosmart might be slightly distorted.

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

Storage conditions

Non-operating (Storage) temperature range: –40º C to 60º C (–40º F to 140º F).

Energy Star

Energy usage drops significantly while in ENERGY STAR mode, which saves natural resources, and saves money without affecting the high performance of this product. This product qualifies for ENERGY STAR, which is a voluntary program established to encourage the development of energy-efficient office products.

Figure 2: Energy Star

ENERGY STAR is a U.S. registered mark of the U.S. EPA. As an ENERGY STAR partner, Hewlett-Packard Company has determined that this product meets the ENERGY STAR guidelines for energy efficiency. For more information, go to www.energystar.gov .

Material safety data sheets

To view Material Safety Data Sheets (MSDS), go to http://www.hp.com/go/msds (in English).

Paper and plastic use

This product is suited for the use of recycled paper according to DIN 19309. Plastic parts over 25 grams are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the product's life.

Recycling program

HP offers an increasing number of product return and recycling programs in many countries and regions, and partners with some of the largest electronic recycling centers throughout the world. HP conserves resources by reselling some of its most popular products. For more information about the recycling of HP products, go to www.hp.com/hpinfo/globalcitizenship/environment/recycle/ (in English).

Regulatory specifications

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instructions, it might cause harmful interference to radio communications. However, there is no guarantee that interference does not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correcting the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between equipment and receiver.

- Connect equipment to an outlet on a circuit different from that to which the receiver is located.

- Consult a dealer or an experienced radio/TV technician.

    NOTE: Any changes or modifications to the product that are not expressly approved by Hewlett-Packard could void the user's authority to operate this equipment.