



professional



versatile

data sheet



## hp color inkjet printer cp1700 series professional wide-format color printers

Designed for small businesses, small offices and design houses that demand professional-quality wide-format color printing, the HP Color Inkjet Printer cp1700 series quickly delivers the most cost-effective color documents, proofs, collateral and comps on a wide variety of printing materials.

### high quality

- deliver outstanding documents—produce vibrant photo-quality color images with hp photoret III color layering technology and 2400 x 1200 dpi printing (on hp premium photo paper) at speeds up to 16 ppm black and 14.5 ppm color
- print in vibrant color—included with the hp color inkjet printer cp1700ps is an Adobe® PostScript® 3™ software RIP for greater color accuracy and support for industry color management standards including ColorSync™, ICC Profiles and PANTONE®

### versatile

- built to grow with your business—available options include two-sided printing (standard on the cp1700d), a second input tray and network connectivity
- experience the media flexibility you need—print colorful business documents on a wide variety of media types from plain paper and transparencies to thick card stock up to 72 lb and on media sizes from 4 x 6 inch postcards to 13 x 19 inch posters and even 13 x 50 inch banners
- software allows you to enhance your business communications and make them more successful—hp smart printing software includes hp zoomsmart, booklet printing and handout options to help you create dynamic business and marketing collateral
- creative users can create proofs, comps and check plots—an ADI driver for AutoCAD™ users is standard and optional Adobe PostScript 3 software RIP provides emulation for press standards such as SWOP (standard on cp1700ps)

### value

- lower your printing costs—four separate high-volume ink cartridges, low-ink status indicator LCD and front-panel cancel button help maximize your hp consumables
- all the robust features you need at an economical price—modular ink delivery system, fast printing, sharp resolution, high duty cycle and options that provide pre-press and automatic two-sided printing capabilities

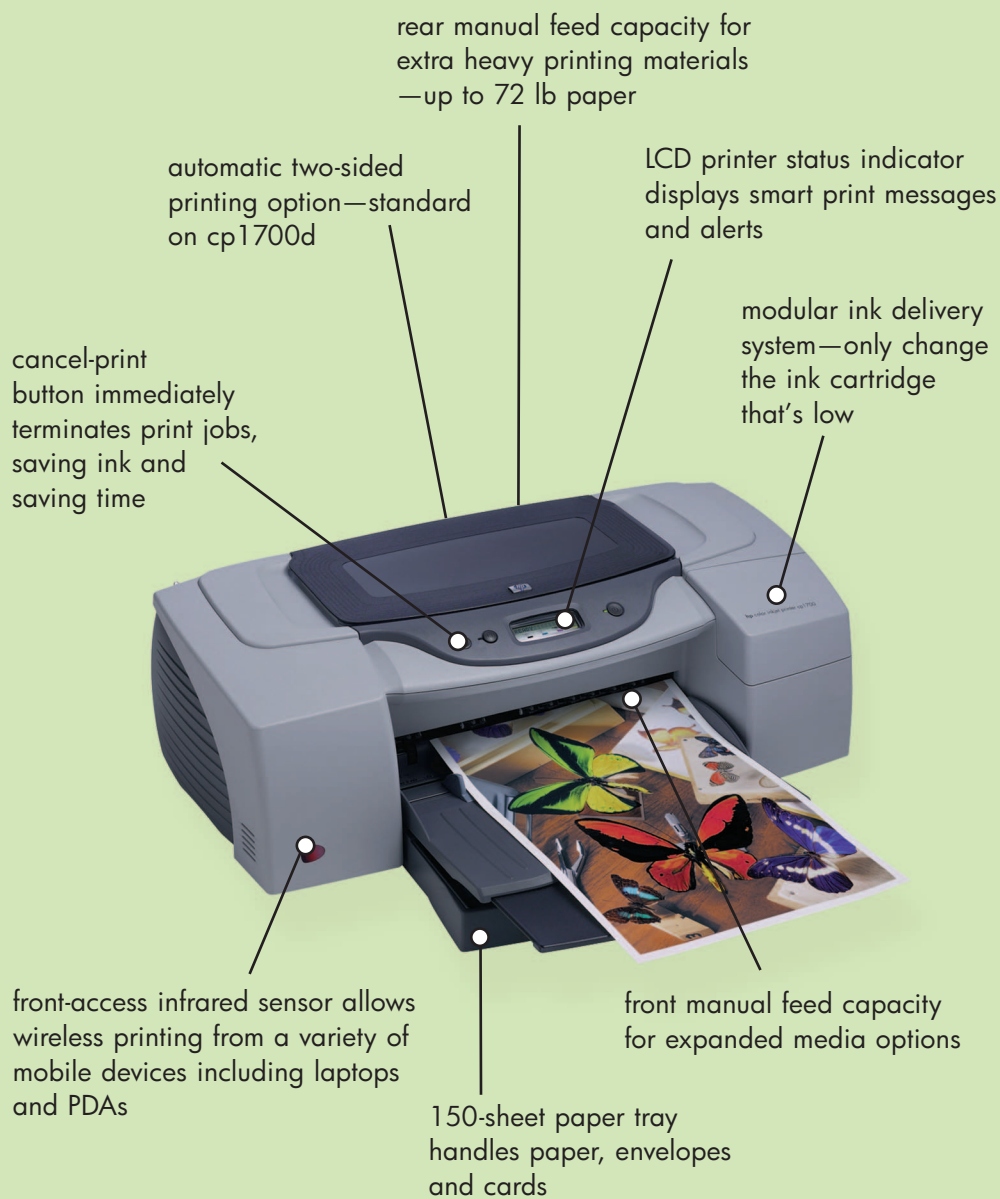
HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories and services are designed together to work together and invented to meet your business needs.

# hp color inkjet printer cp1700 series

hp color inkjet printer cp1700 shown

## the wide-format solution for small businesses

- create dynamic documents in less time—print speeds up to 16 ppm black and 14.5 ppm color in fast mode, 8 ppm black and 7 ppm color in normal mode
- photo-quality printing with 2400 x 1200 dpi resolution (on hp premium photo paper)
- versatile printing—4 x 6 inch to 13 x 19 inch and banners up to 13 x 50 inches plus the standard paper tray handles paper weights from 16 to 36 lbs
- straight paper path (rear manual feed) handles up to 72 lb media—perfect for printing photos on high-quality hp gloss photo paper
- all messages can have a big impact—enlarge files up to 400% and with hp zoomsmart scaling software your images automatically center and “fit-to-page” on media up to 13 x 19 inches
- high capacity individual ink cartridges mean you replace only the ink cartridge that’s low



## add options to maximize performance

### hp color inkjet cp1700d

includes:

- automatic duplexer for two-sided printing
- get the value of two-sided printing—use less paper and save document storage space

### hp color inkjet cp1700ps

includes:

- Adobe PostScript 3 software RIP
- creative professionals get high-speed, accurate color comps—offset printing emulations and support for industry color management standards

### plus more options

add:

- networking capability allows the printer to be shared
- 250-sheet paper tray—expands input capacity to 400 sheets to reduce user intervention
- automatic duplexer for two-sided printing—easily create two-sided brochures, handouts and cards

## for the small office that needs a versatile color printing solution

The HP Color Inkjet Printer cp1700 series efficiently delivers high performance wide-format printing to meet a wide range of business formats. These versatile printers work effortlessly on a variety of media to ensure that your business can quickly and easily create powerful and effective communications.



### **efficient and economical**

HP Color Inkjet Printer cp1700 series features a modular ink delivery system (MIDS) providing low cost-per-page and low intervention rates. With MIDS, the printer uses individual ink cartridges and printheads (4-color, CMYK ink system) allowing you to change only the part that needs replacing. And HP printers and ink supplies are designed together to work together so the modular system prints more efficiently and you can enjoy a longer printer life.

### **grows with your business**

The HP Color Inkjet Printer cp1700 series is designed to handle the changing needs of your growing business. Optional networking through the HP Jetdirect 200m/250m internal LIO print servers provides the flexibility to place the printer anywhere in the office and eliminates the need for a connection to a power-on computer. And the print server allows you to manage your printer over any Internet-connected PC through HP Web JetAdmin. With HP's reputation of reliability, the standard 1-year limited warranty and up to 5,000 pages-per-month duty cycle, your office can count on worry-free printing. Plus, HP Supportpack options allow you to extend your warranty up to 3 years with next day exchange services—to ensure your continued productivity.

### **versatility**

Create large, full-color presentations, high-quality two-sided brochures and attention-grabbing banners with versatile HP Color Printer cp1700 and HP printing supplies. Using the wide variety of HP media available, you can reduce your trips to the copy center and have the communication tools that you need to be effective. Choose from HP premium photo paper, two-sided gloss brochure paper, banner paper, pre-scored cards, transparencies, heavy weight paper, everyday bright white paper and even iron-on transfers—media sizes from 4 x 6 inch photo paper to 13 x 19 inch poster paper. Combine these great media choices with a duplexer, large-capacity input tray or print server for optimal productivity.

### **hp software enhances your projects and makes them easy to produce**

- hp smart software features
  - tiling
  - booklets
  - handouts
  - hp zoomsmart
  - watermarks
- for AutoCAD users, an ADI driver for Windows® (release 13 onwards) is included to guarantee high-speed, cost-effective printing of color check plots and professional quality business printing
- use Adobe PostScript 3 software RIP (standard on cp1700ps models) to print visually rich documents with color accuracy

## technical specifications

### hp color inkjet printer cp1700 series

#### general features

Microprocessor: Coldfire 2; 96 MHz  
Infrared printing  
Low-ink indicator and printer status LCD  
ADI Driver (release 13 onwards) for AutoCAD users (for Windows only)  
Expandability options including auto-duplex unit, 250-page second input tray, and network capability with LIO Jetdirect 200m/250m internal print servers

#### hp color inkjet printer cp1700ps added specifications:

Adobe PostScript 3 software RIP (for direct-connect; single user in box)  
ColorSync, ICC Profiles and PANTONE® printing standards  
Emulations of common press standards such as SWOP

#### print speed (in pages-per-minute)

letter	fast	normal	best
Black text*	16	8	4
Color mixed text/graphics*	14.5	7	4
Full page color*	5.5	1.3	0.7
4 x 6 inch color image on photo paper	1.4	0.9	0.7
*plain paper			
tabloid	fast	normal	best
Black text	10	5	1.7
Color mixed text/graphics*	9.5	3.5	1.6
Full page color	3.7	0.9	0.5
8 x 10 inch color image on photo paper	0.5	0.3	0.2

#### resolution

Up to 2400 x 1200 dpi (on hp premium photo paper only)

#### paper handling

Tray 1: 150-sheet capacity  
Front manual feed: 10-sheet capacity  
Straight paper path (rear manual feed): 1-sheet capacity  
Output tray: 75-sheet capacity  
Tray 2 (optional): 250-sheet capacity (for a 400-sheet maximum input capacity)  
Automatic duplexing unit (standard on cp1700d, optional for other printer models)

#### media types

Supported media: inkjet paper, heavyweight paper, photo paper, brochure paper, coated paper, heavy card stock, banner paper, transparencies and Social Expressions pre-scored cards (envelopes through straight paper path (rear manual feed))

#### media sizes

Prints any size from postcards (4 x 6 inches) to posters (13 x 19 inches) and banners up to 13 x 50 inches  
Print area maximum: 12.75 x 49 inches

#### media weights

16 to 36 lb sheets—standard  
16 to 72 lb sheets, 20–24 lb envelopes, to 110 lb card stock—straight paper path (rear manual feed)  
16 to 28 lb sheets—optional 250-sheet input tray  
16 to 36 lb sheets—optional automatic duplexing unit

#### built-in fonts

8 built-in fonts—CG Times, CG Times Italic, Universe, Universe Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic

#### status panel

LCD front message panel

#### printer language

Messages can be displayed in 15 languages: English, French, Italian, German, Spanish, Portuguese, Dutch, Norwegian, Finnish, Swedish, Danish, Polish, Czech, and Russian

#### connectivity

Parallel IEEE 1284  
USB (1.1 and above)  
PC connect through parallel and USB; Mac connect through USB only  
LIO slot  
Front connect IR

#### operating systems

Windows 95, 98, Me, 2000, NT® 4.0, XP  
Macintosh® OS 8.6 and above, OSX  
OS/2 (Web downloaded from IBM)  
DOS; Linux

#### network operating systems (via optional hp jetdirect print servers)

Windows 95, 98, 2000, Me (TCP/IP, IPX/SPX); and NT 4.0 (TCP/IP, IPX/SPX, DLC/LLC);  
Mac OS 8.6, 9.x and X (EtherTalk); Novell NetWare v 3.11, 3.12, 4.x, 5.0 (IPX/SPX);  
NDS (IPX/SPX); NDPS (TCP/IP, IPX/SPX); and Line Printer Daemon (lpd)

#### minimum system requirements

Windows 95/98: Pentium 60 MHz, 16 MB RAM  
Windows NT 4.0: Pentium 60 MHz, 24 MB RAM  
Windows Me: Pentium 150 MHz, 32 MB RAM  
Windows 2000: Pentium 166 MHz, 32 MB RAM  
Mac OS 8.6 or later: 32 Mb RAM (USB/AppleTalk)  
Mac OS 8.6 or 9.x only: 32 Mb RAM (IR)

#### acoustics

6.4 Bels

#### power requirements

Source: 100 to 200 VAC (±10%)  
Frequency: 50 to 60 Hz (± 3 Hz)

#### power consumption

Printing: 47.7 watts  
Standby: 9 watts  
Energy Star® compliant  
Off mode: .6 watts

#### product certifications

EMC Certifications: FCC Title 47 CFR Part 15 Class B, ICES  
Safety: UL, CSA

#### duty cycle

Up to 5,000 pages per month

## ordering information

number	description
C8108A	HP Color Inkjet Printer cp1700 (base model)
C8106A	HP Color Inkjet Printer cp1700d (base printer plus auto-duplexer)
C8105A	HP Color Inkjet Printer cp1700ps (base printer plus software Adobe PostScript 3 RIP)
service & support	
H3683E	HP Care Pack, 3-year, next-day unit exchange
supplies & accessories	
C8219A	Auto-duplexer unit
C8220A	Second input paper tray
hp printheads	
C4810A	HP 11 black printhead
C4811A	HP 11 cyan printhead
C4812A	HP 11 magenta printhead
C4813A	HP 11 yellow printhead
hp ink cartridges	
C4840A	Black ink cartridge (28 ml)
C4844A	HP 10 black ink cartridge (69 ml)
C4836A	HP 11 cyan ink cartridge (28 ml)
C4837A	HP 11 magenta ink cartridge (28 ml)
C4838A	HP 11 yellow ink cartridge (28 ml)
hp bright white inkjet paper	
C1824A	500 sheets, letter
C1857A	200 sheets, B
hp premium plus photo paper	
C6944A	Gloss, 20 sheets, 4 x 6 in
C6950A	Matte, 20 sheets, letter
C6831A	Gloss, 20 sheets, letter
hp premium photo paper	
C6979A	Gloss, 50 sheets, letter
C6058A	Gloss, 20 sheets, B
hp photo paper	
C1846A	Gloss, 20 sheets, letter
hp everyday photo paper	
C7013A	Gloss, 20 sheets, letter
C7007A	Two-sided, matte, 100 sheets, letter
C6983A	Two-sided, semi-gloss, 25 sheets, letter
hp design paper	
C6791A	Gloss, 50 sheets, B
hp professional brochure & flyer paper	
C6817A	Two-sided, gloss, 50 sheets, letter
C7020A	Tri-fold, two-sided, 100 sheets, letter
C6820A	Two-sided, gloss, 50 sheets, B
C6955A	Matte, 50 sheets, letter
hp heavyweight paper	
C6790A	Design, 100 sheets, super B
hp premium inkjet paper	
51634Y	200 sheets, letter
C1855A	100 sheets, B
hp premium inkjet transparency film	
C3828A	20 sheets, letter
C3834A	50 sheets, letter
hp banner paper	
C1820A	100 sheets, letter
hp greeting cards	
C6828A	Half-fold, felt-textured, ivory, 20 sheets, 20 envelopes, letter
C7019A	Half-fold, textured, white, 20 sheets, 20 envelopes, letter
C6044A	Gloss, white, 10 sheets, 10 envelopes, letter
C1812A	1/4 fold, white, 20 sheets, 20 envelopes, letter
hp tshirt transfers	
C6049A	10 sheets, letter
network	
J6039C	HP Jetdirect 200m print server/Internet connector (LIO module)
J6042A	HP Jetdirect 250m print server/Internet connector (LIO module)
J6062A	HP Wireless Print Server wp110

#### dimensions (w x d x h)

Without auto-duplex unit and Tray 2: 26 x 8.4 x 22.3 in. (674 x 215 x 568 mm)  
With auto-duplex unit and Tray 2 installed: 26 x 11.2 x 25.4 in. (674 x 285 x 646 mm)

#### weight

Printer: 29.7 lbs (13.5 kg)  
Auto-duplex unit: 4.4 lbs (2 kg)  
Tray 2: 7.7 lbs (3.5 kg)

#### warranty

1-year limited

#### what's in the box

HP Color Inkjet 1700 or 1700d or 1700ps printer; power cord; setup road map; reference guide; regulatory guide; printer software CD-ROM; 4 printheads and ink cartridges (1 each black, cyan, magenta, yellow); auto-duplex unit (cp1700d only); Software PostScript Kit and PostScript Guide (cp1700ps only).

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