



Ordering Information

**Commercial model number:**  
CK840A (B1K/BCB)

**Canada model number:**  
CK840A (B1K/BCB)

Sidebar

**In the box:**  
Introductory ink cartridges  
Printheads (3 x 2 colors)  
Printer stand  
Quick reference guide  
Setup poster  
SERIF Poster Designer Pro poster  
Startup software  
Power cord  
44-in stand

**Software:**  
HP-GL/2, HP-RTL, PostScript drivers for Windows (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI, PostScript drivers for Mac OS X; support for Citrix XenApp and Citrix XenServer environments

**Standard warranty:**  
1 year limited hardware

Replaces

HP Designjet T1100ps 44-in Printer Q6688A

HP Care Pack Options

**Recommended Care Packs**

Installation with Network Setup Service H4518E

Next Business Day Onsite: 3 years UN442E

**Optional Care Packs**

Installation with Network Setup Service H4518E

Same Day Onsite, Standard Business Hours: 3 years UN439E

Same Day Onsite, Extended Business Hours: 3 years UN435E

Next Business Day Onsite: 3 years UN442E

Next Business Day Onsite: 4 years UN441E

Next Business Day Onsite: 5 years UN440E

Post Warranty Service, Remote User Assistance Support: 1 year HC131PE

Post Warranty Service, Same Day Onsite, Standard Business Hours: 1 year UN431PE

Post Warranty Service, Same Day Onsite, Extended Business Hours: 1 year UN430PE

Post Warranty Service, Next Business Day Onsite: 1 year UN436PE

Professional CAD printing for demanding workgroups.

Make a serious impact with high-quality CAD projects, renders, presentations and posters. <sup>1</sup> This HP Designjet, using the three-black ink set of HP Vivera inks, is sure to produce clear, easily readable drawings and vibrant, colorful presentations.



Demanding workgroups are back to work in no time with a printer that's quick, easy to operate, and nearly effortless to manage. Fast speeds, powerful In-Printer processing, and HP Instant Printing help save time and eliminate hassles.

With the HP experience and leadership in large-format printing, you can be sure this Designjet is up and running when you need it. Process and store large files with additional memory and 80 GB hard drive. It's compatible with the latest applications.

Compatible Operating Systems

**Standard Desktop**

Windows XP	*
Windows Server 2003	32/64-bit
Windows Server 2008	32/64-bit
Windows Vista®	32/64-bit
Novell NetWare	Novell NetWare 5.x, 6.x
Mac OS	Mac OS X v 10.4, 10.5
Other	Citrix XenApp, Citrix XenServer

**Standard Network**

Windows XP	*
Windows Server 2003	32/64-bit
Windows Server 2008	32/64-bit
Windows Vista®	32/64-bit
Mac OS	Mac OS X v 10.4, 10.5
Other	Novell NetWare 5.x, 6.x, Citrix XenApp, Citrix XenServer

Additional Information

Sales	<a href="http://www.designjet.hp.com">www.designjet.hp.com</a>
Technical Support	Data Sheet <a href="http://www.hp.com/go/4AA2-4824ENU">4AA2-4824ENU</a>
Third-party solutions	<a href="http://www.hp.com/go/support">www.hp.com/support</a>
Reseller	<a href="http://www.hp.com/go/partners/us">www.hp.com/partners/us</a>
Services	<a href="http://www.hp.com/go/services">http://www.hp.com/go/services</a>
Supplies and accessories	<a href="http://www.hp.com">www.hp.com</a>

Brand Specifications

**PRINTER:**

<b>Print Technology</b>	HP Thermal Inkjet 35 sec/page on D/A1 or 445 ft <sup>2</sup> /hr (color image on coated paper) <sup>2</sup>
<b>Print Speed, Draft Quality</b>	110 ft <sup>2</sup> /hr (color image on coated paper)
<b>Print Speed, Normal Quality</b>	30 ft <sup>2</sup> /hr (color image on glossy paper)
<b>Print Length, Maximum</b>	300 ft; OS and application dependent
<b>Media Width, Maximum</b>	44 in
<b>Media Handling/Document Finishing</b>	Sheetfed, roll feed, automatic cutter Up to 2400 x 1200 optimized dpi (from 1200 x 1200 input dpi with maximum detail selected)
<b>Print Quality, Black Best</b>	Up to 2400 x 1200 optimized dpi (from 1200 x 1200 input dpi with maximum detail selected)
<b>Print Quality, Color Best</b>	HP Color Layering technology
<b>Print Resolution Technology</b>	6 (1 each cyan, magenta, yellow, matte black, photo black, gray)
<b>Print Cartridges</b>	Adobe PostScript 3, Adobe PDF 1.6, TIFF, JPEG, HP-GL/2, HP RTL, CALS G4, HP PCL 3 GUI
<b>Print Languages, Std</b>	None
<b>Print Languages, Opt</b>	69 ml (each photo black, cyan, magenta, yellow, gray), 130 ml (each matte black, photo black, cyan, magenta, yellow, gray)
<b>Print Cartridge Capacity</b>	Dye-based (C, M, Y, G, PK); pigment-based (MK)
<b>Ink Types</b>	

**GENERAL**

<b>Media Types</b>	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl)
<b>Media Sizes, Std</b>	Letter to E-size sheets; 11 to 44-in rolls

<b>Media Sizes, Custom</b>	8.5 x 11 in to 44 x 66 in
<b>Connectivity, Std</b>	10/100/1000Base-T Ethernet, Hi-Speed USB 2.0, 1 EIO Jetdirect accessory slot
<b>Connectivity, Opt</b>	HP Jetdirect internal print servers
<b>Memory, Std</b>	384 MB standard memory, 80 GB hard disk
<b>Memory, Max</b>	384 MB standard memory, 80 GB hard disk
<b>ENERGY STAR® Qualified</b>	Yes
<b>Mac Compatible</b>	Yes
<b>Dimensions (W x D x H)</b>	69.7 x 27.2 x 41.2 in (with stand)
<b>Weight</b>	189 lb (with stand)
<b>Dimensions, Metric</b>	1770 x 690 x 1047 mm (with stand)
<b>Weight, Metric</b>	86 kg (with stand)
<b>Shipping Dimensions</b>	75.98 x 30.16 x 31.15 in
<b>Shipping Weight</b>	271 lb
<b>Shipping Dimensions, Metric</b>	1930 x 766 x 791 mm
<b>Shipping Weight, Metric</b>	123 kg

No line art for this product

## Jetdirect Products

HP Jetdirect 635n (J7961G)  
HP Jetdirect 630n (J7997G)

## Accessories (standard)

44-in Spindle (Q6709A)  
HP Designjet 4520 Scanner (CM770A)  
Serif PosterDesigner Pro for HP (CN088A)

## Compatible Supplies

### HP Ink Supplies

HP 72 Gray and Photo Black Printhead (C9380A)  
HP 72 Matte Black and Yellow Printhead (C9384A)  
HP 72 Magenta and Cyan Printhead (C9383A)  
HP 72 130-ml Matte Black Ink Cartridge with Vivera Inks (C9403A)  
HP 72 130-ml Cyan Ink Cartridge with Vivera Inks (C9371A)  
HP 72 69-ml Cyan Ink Cartridge with Vivera Inks (C9398A)  
HP 72 130-ml Magenta Ink Cartridge with Vivera Inks (C9372A)  
HP 72 69-ml Magenta Ink Cartridge with Vivera Inks (C9399A)  
HP 72 130-ml Yellow Ink Cartridge with Vivera Inks (C9373A)  
HP 72 69-ml Yellow Ink Cartridge with Vivera Inks (C9400A)  
HP 72 130-ml Gray Ink Cartridge with Vivera Inks (C9374A)  
HP 72 69-ml Gray Ink Cartridge with Vivera Inks (C9401A)  
HP 72 130-ml Photo Black Ink Cartridge with Vivera Inks (C9370A)  
HP 72 69-ml Photo Black Ink Cartridge with Vivera Inks (C9397A)

## Compatible Paper Products

### HP Photo Papers

HP Premium Plus Gloss Photo Paper			
13 x 19 in	75 lb	25 sheets	Q5486A
18 x 24 in	75 lb	20 sheets	Q5487A
24 in	75 lb	50 ft	Q5488A
HP Premium Plus Satin Photo Paper			
13 x 19 in	76 lb	25 sheets	Q5489A

### HP Bond and Coated Paper

HP Bright White Inkjet Paper			
24 in	24 lb	150 ft	C1860A
36 in	24 lb	150 ft	C1861A
36 in	24 lb	300 ft	C6810A
HP Coated Paper			
24 in	26 lb	150 ft	C6019B
36 in	26 lb	150 ft	C6020B
42 in	26 lb	150 ft	C6567B
36 in	26 lb	300 ft	C6980A
18 x 24 in	26 lb	100 sheets	Q1961A
24 x 36 in	26 lb	100 sheets	Q1962A
HP Cockle-free Coated Paper			
24 in		150 ft	CG883A
36 in		150 ft	CG884A
42 in		150 ft	CG885A
HP Heavyweight Coated Paper			
24 in	35 lb	100 ft	C6029C
36 in	35 lb	100 ft	C6030C
42 in	35 lb	100 ft	C6569C
42 in	35 lb	225 ft	Q1956A
HP Cockle-free Heavyweight Coated Paper			
36 in		100 ft	CG887A
42 in		100 ft	CG888A
HP Inkjet Coated Paper			
18 in	24 lb	150 ft	Q7897A

HP Recycled Bond Paper			
24 in		150 ft	CG889A
36 in		150 ft	CG890A
42 in		150 ft	CG891A
HP Super Heavyweight Plus Matte Paper			
24 in	55 lb	100 ft	Q6626A
36 in	55 lb	100 ft	Q6627A
42 in	55 lb	100 ft	Q6628A
HP Universal Coated Paper			
24 in	26 lb	150 ft	Q1404A
36 in	26 lb	150 ft	Q1405A
42 in	26 lb	150 ft	Q1406A
HP Universal Heavyweight Coated Paper			
24 in	32 lb	100 ft	Q1412A
36 in	32 lb	100 ft	Q1413A
42 in	32 lb	100 ft	Q1414A
HP Universal Bond Paper			
24 in	21 lb	150 ft	Q1396A
36 in	21 lb	150 ft	Q1397A
42 in	21 lb	150 ft	Q1398A
HP Yellow Coloured Paper			
36 in		150 ft	Q1760A

### HP Film (Technical and Graphic)

HP Clear Film			
36 in		75 ft	C3875A
24 in		75 ft	C3876A
HP Matte Film			
24 in		125 ft	51642A
36 in		125 ft	51642B
HP Vivid White Glossy Polyester Film			
24 in		66 ft	CG827A
42 in		66 ft	CG828A
HP White Matte Polyester Film			
36 in		50 ft	Q1736A

### HP Technical Paper

HP Natural Tracing Paper			
36 in	24 lb	150 ft	C3868A
24 in	24 lb	150 ft	C3869A
HP Translucent Bond Paper			
36 in	18 lb	150 ft	C3859A
24 in	18 lb	150 ft	C3860A
HP Vellum Paper			
36 in	20 lb	150 ft	C3861A
24 in	20 lb	150 ft	C3862A

### HP Photographic Paper

HP Premium Plus Satin Photo Paper			
18 x 24 in	75 lb	20 sheets	Q5490A
24 in	75 lb	50 ft	Q5491A
18 in	76 lb	50 ft	Q7920A
HP Premium Matte Photo Paper			
24 in	55 lb	100 ft	CG459A
36 in	55 lb	100 ft	CG460A
HP Universal High-gloss Photo Paper			
24 in		100 ft	Q1426A
36 in		100 ft	Q1427A
42 in		100 ft	Q1428A
HP Universal Instant-dry Gloss Photo Paper			
24 in	50.50 lb	100 ft	Q6574A
36 in	50.50 lb	100 ft	Q6575A
42 in	50.50 lb	100 ft	Q6576A
HP Universal Instant-dry Semi-gloss Photo Paper			
24 in	50.50 lb	100 ft	Q6579A
36 in	50.50 lb	100 ft	Q6580A
42 in	50.50 lb	100 ft	Q6581A
HP Universal Semi-gloss Photo Paper			
24 in		100 ft	Q1420A
36 in		100 ft	Q1421A
42 in		100 ft	Q1422A

### HP Backlit Material

HP Reverse Print Matte Backlit Film			
36 in		75 ft	C7960A

### HP Self-Adhesive Material

HP Colorfast Adhesive Vinyl			
36 in		40 ft	C6775A
HP Everyday Adhesive Matte Polypropylene			
36 in		75 ft	CG824A

42 in		75 ft	CG825A
24 in		75 ft	CG843A
<b>HP Matte Adhesive-back Polypropylene</b>			
36 in		70 ft	Q1908A
<b>HP Self-adhesive Gloss Polypropylene</b>			
36 in		75 ft	Q8834A
42 in		75 ft	Q8835A
<b>HP Self-adhesive Indoor Paper</b>			
36 in		75 ft	Q1733A

### HP Banner and Sign Material

<b>HP Durable Banner with Tyvek®</b>			
36 in		75 ft	CG821A
42 in		75 ft	CG822A
<b>HP PVC-free Banner</b>			
36 in		50 ft	CG815A
42 in		50 ft	CG816A

*The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.*

1. The Serif PosterDesigner Pro for HP is an optional feature. Not included, sold separately.
2. Line drawing on plain paper in Draft mode with Economode on.