

**production**



**fast**

**data sheet**



## hp designjet 1050c/1055cm plus printers

professional large-format printers

HP Designjet 1000 plus series network printers are for CAD and technical departments that value unattended printing and need precision black and color line drawings, high-quality complex 3D renderings, and maps printed at unparalleled speed.

### productive

- increase your productivity—300-foot media rolls, multi-roll feeder accessory, automatic cutter, queuing, nesting capabilities, and built-in hp jetdirect 610n network card result in best-in-class network printing
- complete print jobs quickly—hp jetexpress technology ensures high-speed printing—1 inch printheads and 512 nozzles enable printing of D-size (2 x 3 ft) color line drawings at 600 dpi resolution in less than a minute—fastest printer in its class
- uncompromising line and image quality—true 600 dpi color and 1200 dpi addressable for precise black lines as fine as 0.003 in (.08 mm); photo-quality images w/precise ink placement that ensures sharp lines & text

### compatible

- receive extensive connectivity—includes AutoCAD™, Windows®, and Adobe® PostScript® drivers; ZEHRaster for hp software enabling UNIX®, Linux®, and Windows NT®/2000 users to print TIFF and JPEG files directly to the printer; hp jetdirect 610n print server for network connectivity
- utilize existing equipment—the hp designjet 1000 plus series is compatible with all existing infrastructures and accessory backward compatibility eliminates necessity of costly hardware upgrades and minimizes obsolescence

### simple

- experience effortless network integration and remote production—the hp install network printer wizard makes out-of-the-box installation easy and hp Web jetadmin and hp jetdirect 10/100Base-TX internal print server allows unattended printing capability even from home
- technologically-advanced design features make production easier—snap-in ink cartridges, multi-roll feeder allows switching between three different media types and/or sizes from a PC, and the ability to load new sheets without removing existing rolls
- generate creative printed materials—hp zoomsmart helps automatically reduce or enlarge documents and custom correction wizard for Windows NT/2000 helps maintain quality output



All of the HP printing and imaging systems easily help you create powerful, professional communications. The printers, supplies, and accessories are specifically designed to work best together. Right-sized, cost-efficient, customized HP printing systems—invented to meet your business needs.

# hp designjet 1050c plus and 1055cm plus

hp designjet 1050c plus and optional hp designjet multi-roll feeder shown

large capacity ink cartridges for longer time between replacement

network ready fast hp jetdirect 610n print server

easy to follow LCD control panel

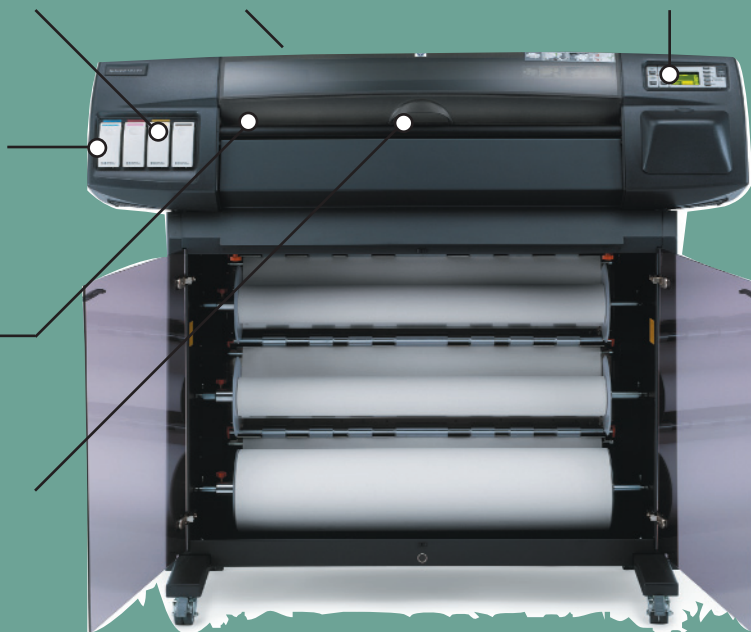
user replaceable modular 4-color CMYK ink delivery system

automatic cutter

optimized production printing system prints a D-size color line drawing in 45 seconds

## internal features

- 64 MB RAM
- network ready, fast jetdirect 610n print server card supports TCP/IP, IPX/SPX, DLC/LLC, and EtherTalk
- CMYK ink system prints up to 1200 dpi for monochrome line drawings and 600 dpi for color images
- AutoCAD, Windows, Adobe PostScript drivers (optional on 1050c plus)
- Centronics parallel, IEEE 1284-compliant printer connections



optional multi-roll feeder for enhanced media flexibility and unattendedness



optional multi-roll feeder comes with a convenient basket to store printouts



## hp designjet 1050c plus

for architects and engineers with large workgroups or high production needs

- 64 MB RAM
- fast hp jetdirect 610n server card
- supports AutoCAD, HP-GL/2, RTL, UNIX, TIFF, JPEG, and CALS files

### optional accessories

- multi-roll feeder
- Adobe PostScript 3™ kit
- 2 GB hard disk drive
- 128 MB memory module
- 36-inch spindle and take-up reel

## hp designjet 1055cm plus

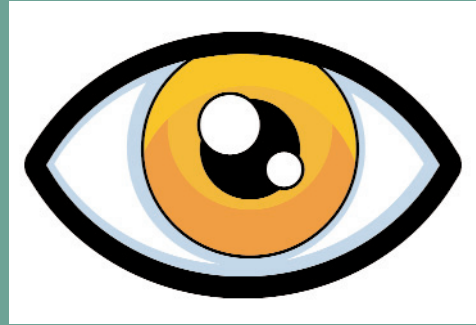
for architects, engineers, and GIS users with large workgroups or high production needs

- 64 MB RAM
- 7.5 GB hard disk drive
- fast hp jetdirect 610n server card
- PANTONE® certification
- supports Adobe PostScript 3 (Windows and Mac®), AutoCAD, HP-GL/2, RTL, UNIX, TIFF, JPEG, and CALS files

### optional accessories

- multi-roll feeder
- 128 MB memory module
- 36-inch spindle and take-up reel

## the quality difference you can see



### the whole solution

HP Designjet 1000 plus series combines excellent image quality, breakthrough printing speeds, ease of use, and the ability to run unattended jobs for large workgroups—a complete large-format productivity solution.

### quality and performance mean high productivity

Precise ink placement ensures crisp, sharp lines for your map and CAD projects while providing brilliant photo-quality color images. With true 600 dpi color and addressable 1200 dpi black line, the HP Designjet 1000 plus series printers, along with their HP No. 80 ink supplies and HP media, provide the highest-quality large-format Inkjet output available.

Quality is combined with some of the fastest print speeds in its class. Using HP Jetexpress technology, these printers ensure high-speed printing through one-inch printheads and 512 nozzles—without sacrificing image quality. Print A1/D-size (2 x 3 ft) color line drawings in less than one minute (draft mode) and color images at 200 ft<sup>2</sup>/hr (fast mode).

### minimal user intervention

Engineered to meet high standards of reliability, the HP Designjet 1000 plus series offers consistent, dependable performance, print after print, day after day. A modular CMYK ink system with cartridges of up to 350 ml capacity, combined with long-life, self-cleaning print heads, prevents worrying about ink for longer periods of time. 300 foot media rolls allow for much longer time between paper replacement. Built-in smart chips in HP no. 80 ink supplies communicate with the printer to monitor ink levels and let you know when printheads are running out. Queuing, nesting, multiple copies, roll feed, and automatic cutter deliver efficient, unattended printing.

### easy to use

Thanks to the HP dual-paper feed system, you no longer have to unload a roll media to load a cut sheet. Roll-feed alignment is automatic. The control panel features icons that improve navigation by providing direct access to key information. Ink cartridges snap in place to take the hassle out of loading. Add an optional multi-roll feeder (backwards compatible with the Designjet 1000 series) and you will be able to switch between three different types of media types and/or sizes right from your PC.

Secure high-quality printing and color accuracy with AutoCAD, Microsoft Windows, and Adobe PostScript drivers, ZEHRastar for HP software, Color Correction Wizard (for Windows drivers), Adobe PostScript 3 and PANTONE® certification (1055cm plus only), and HP Zoomsmart scaling technology for easy, large-format printing from any Windows application.

### powerful networking capability

Your workflow is kept running smoothly using the new built-in HP Jetdirect 610n networking card and high-performance 7.5 GB hard disk (included with 1055cm, 2 GB hard disk optional for the 1050c). Simultaneously processes and queues jobs for large workgroups.

### hp warranty and support packs

Receive a one-year warranty including next-business-day, onsite support and service by HP trained technicians. Some countries may have slightly different delivery methods depending on local infrastructure. Warranty also includes Web, telephone, and e-mail support.

With optional HP Supportpacks you can extend your warranty and enhance your service level. HP Supportpack services offer an upgrade to a 3-year maintenance service plan (annual check included), 3-year, next-day onsite support plan, and/or installation and network configuration service.

## technical specifications

### hp designjet 1050c plus • 1055cm plus

64 MB RAM, upgradable to 256 MB  
Built-in 7.5 GB hard disk drive (HP Designjet 1055cm plus)  
Optional 2 GB hard disk drive (HP Designjet 1050c plus)  
HP Jetdirect 610n networking card  
HP Jetexpress™ technology  
Adobe PostScript 3  
ZEHRaster Plus software  
PANTONE® certified (HP Designjet 1055cm plus)  
HP Zoomsmart scaling technology

### print performance

45 seconds—draft mode (line drawings)\*  
200 ft<sup>2</sup>/hour—fast mode (color images)\*  
\*D-size: 24" x 36"; app. speed on HP Coated Paper (color images)

### print resolution

1200 dpi addressable (line drawings) 600 dpi (color images)  
0.003 minimum line width  
Line accuracy: ±0.2% of the specified page length

### paper handling

Dual path for sheet and roll feed, automatic cutter; optional: multi-roll feeder; take-up reel  
Sheet: width: 8.3 in to 36 in  
Roll: width: 24 in, 36 in, length: up to 300 ft

### memory

HP Designjet 1050c plus: 64 MB standard; 256 MB, 2 GB HD maximum  
HP Designjet 1055cm plus: 64 MB, 7.5 GB HD standard; 256 MB, 7.5 GB HD maximum

### connectivity

Printer languages: HP-GL/2, HP-GL, HP RTL, CALS G4 (HP Designjet 1050c plus); Adobe PostScript 3, HP-GL/2, HP-GL, HP RTL, CALS G4 (HP Designjet 1055cm plus)  
Drivers: Microsoft Windows®\*: 95, 98, NT 4.0, 2000, Me; AutoCAD Releases: 13 (Windows 95, NT 3.51, 4.0); 14 (Windows 95, 98, NT 4.0, Me); AutoCAD 2000 (Windows 98, Me); TIFF and JPEG files accepted from UNIX, Linux and Microsoft Windows NT via ZEHRaster Plus software; PostScript (1055cm): Microsoft Windows 95, 98, NT 4.0, 2000; Macintosh® v8.1–9.1  
Interfaces: Centronics parallel (ECP) IEEE 1284 compliant; HP Jetdirect EIO 10/100Base-TX; optional HP jetdirect internal print servers

### environmental ranges

Operating temperature: 59 to 95° F (15 to 35° C)  
Storage temperature: -40 to 158° F (-40 to 70° C)  
Operating humidity: 20 to 80% RH non-condensing

### power requirements

100 to 240 volts (± 10%); 50 to 60 Hz

### power consumption

Standby mode: <40 watts maximum  
Maximum: 200 watts

### acoustics

Printing: Pressure: 62 dB (A) Power: 6.8 Bels (A)  
Idle: Pressure: <38 dB (A) Power: 5.3 Bels (A)

### warranty

1-year warranty includes free, next-business-day, onsite support, and service for your printer, by HP trained technicians. Some countries may have slightly different support delivery. Also Web support, telephone and e-mail support. HP Supportpacks extend your warranty or even enhance the service level to meet your personal service and support requirements.  
Multi-roll feeder accessory: 1-year warranty next-day onsite, independent of printer warranty status

### dimensions (w x d x h)

61 x 27 x 51 in (1549.40 x 685.80 x 1295.40 mm)

### weight

154 lb (69.85 kg)

### product certification

Safety: IEC 950 compliant. Safety UL listed, EU LVD & EN 60950 compliant. NEMKO approved. Certified by Canada CSA, Mexico NOM-1-NYCE, Czech republic EZU, Singapore PSB, Russia GOST, Poland PCBC, China CCIB.  
Electromagnetic compatibility: Compliant with WU EMC directive, USA FCC Rules, Australia ACA, New Zealand MoC, Canada DoC and China requirements for Class B Products (Class A when connected to LANs). Japan VCCI registered. Korea RRL and Taiwan BCIQ Certified.

### system requirements

PC Windows compatible (Win 95, 98, NT 4.0, 2000, Me), Macintosh with Mac OS 8.1 or above

## ordering information

number	description
C6074B	HP Designjet 1050c plus printer
C6075B	HP Designjet 1055cm plus printer

### service & support (varies according to region)

H4517A/E	Installation
H4518A/E	Installation and network configuration service
H5655A/E	HP Supportpack, 3-year, next-day, onsite
H2815A/E	HP Supportpack, 3-year, same-day, onsite, 8 a.m.–5 p.m.
H2816E	HP Supportpack, 3-year, same-day, onsite, 8 a.m.–9 p.m.
H4582A/E	HP Supportpack, 3-year, advanced maintenance service, next-day, onsite
H4630A/E	HP Supportpack, 3-year, advanced maintenance service, same-day, onsite
H4608PA	HP Supportpack, 1-year, post warranty, next-day, onsite
H3627PA	HP Supportpack, 2-year, post warranty, next-day, onsite

HP Supportpacks are also available providing a same-day onsite service (depending on location). They should be purchased together with the HP Designjet printer, at latest 90 days after (180 days in Europe & North America). For more support services please visit: [www.designjet.hp.com](http://www.designjet.hp.com)

### supplies & accessories

C2394A	Multi-roll feeder (for HP Designjet 1050 plus series printers)
C2394B	Multi-roll feeder (for C6074A—HP Designjet 1050c printer)
C2394C	Multi-roll feeder (for C6075A—HP Designjet 1055cm printer)
Q1281A	HP PostScript kit
C6078A	36 in spindles
C6079A	36 in take-up reel

### hp ink cartridges

C4871A	Black,	350 ml,	HP no. 80 ink
C4846A	Cyan,	350 ml,	HP no. 80 ink
C4847A	Magenta,	350 ml,	HP no. 80 ink
C4848A	Yellow,	350 ml,	HP no. 80 ink
C4872A	Cyan,	175 ml,	HP no. 80 ink
C4874A	Magenta,	175 ml,	HP no. 80 ink
C4873A	Yellow,	175 ml,	HP no. 80 ink

### hp printheads and printhead cleaners

C4820A	Black,	HP no. 80 ink
C4821A	Cyan,	HP no. 80 ink
C4822A	Magenta,	HP no. 80 ink
C4823A	Yellow,	HP no. 80 ink

### value packs

### hp ink cartridges, printheads, and printhead cleaners

C4890A	Black,	350 ml,	HP no. 80 ink
C4891A	Cyan,	350 ml,	HP no. 80 ink
C4892A	Magenta,	350 ml,	HP no. 80 ink
C4893A	Yellow,	350 ml,	HP no. 80 ink

### memory

Q1282A	64 MB DIMM memory module
Q1282A	128MB DIMM memory module
Q1282A	2 GB hard disk kit (32 MB memory required)

### network

J3110A	HP Jetdirect 610n internal print server, Ethernet (10Base-T)
J3111A	HP Jetdirect 610n internal print server, Ethernet (10Base-T, 10Base2) and LocalTalk
J4167A	HP Jetdirect 610n internal print server, Token Ring
J4169A	HP Jetdirect 610n internal print server, Ethernet/Fast Ethernet (10/100Base-TX)

For more information on the HP Designjet 1050c plus and 1055cm plus, visit our Web site at [www.hp.com](http://www.hp.com) and click on products and services. Here you will find information on products, supplies, and accessories for all your computing needs. HP peripherals, personal computers, supplies, and accessories are available at authorized HP resellers worldwide.

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