

HP Designjet 1000 Plus series printers

Technical printers for CAD and GIS departments



The HP Designjet 1000 Plus series printing system is a complete large-format productivity solution for CAD and GIS departments. These printers deliver outstanding line and image quality at fast speeds with minimal user intervention.



Production printing

- **HP Jetexpress printing technology.** HP combines smart printing with wide printheads for fast, high-quality, unattended printing.
- **Line drawings in under one minute.** HP Designjet 1000 Plus series printers deliver top performance for quick turnaround and high-volume capacity.
- **Efficient, unattended printing.** Long-life, self-cleaning printheads and high-capacity ink cartridges, plus job management capabilities such as queuing, nesting and multiple copies minimize user intervention.
- **Advanced media handling.** The 300-foot input rolls and integrated multi-roll feeder option provide maximum media flexibility and support for longer print runs.

Top quality

- **Outstanding line quality.** The HP Designjet 1000 Plus series has up to 1200 dpi resolution for precise, crisp lines.
- **600 dpi images.** Get impressive 3D rendering, maps and illustrations for clear, powerful communication and presentations.
- **A wide array of printing materials.** Choose from a variety of HP premium products for uncompromising quality or HP basic materials for quality results at a lower price.

Seamless integration

- **Compatible with virtually any system.** Built-in HP Jetdirect Print Server plus HP-GL/2, HP-GL, HP RTL, CALS and Adobe® PostScript® 3™ languages with custom, HP-developed drivers ensure easy integration into existing systems.
- **ZEHraster software for HP.** Utility allows UNIX® and Windows NT® users to send TIFF and JPEG files directly to the printer.

HP Designjet 1050C Plus and 1055CM Plus

1. 350 ml ink cartridges for longer time between replacement
2. Modular 4-color CMYK ink delivery system featuring HP Jetexpress technology
3. Network ready with fast HP Jetdirect Print Server
4. Easy to follow LCD control panel
5. Dual path for sheet and roll-fed media
6. Optional multi-roll feeder for enhanced media flexibility and unattended operation

Highlights

- Production printing system that prints a D-size color line drawing as fast as 45 seconds
- Queuing and nesting for efficient, unattended printing
- Up to 1200 dpi for line drawings and 600 dpi for color images
- 300-foot input rolls support high-volume printing



HP Designjet 1050C Plus and optional HP Designjet Multi-Roll Feeder shown

Series at a glance

HP Designjet 1050C Plus (C6074B)

- 64 MB RAM, upgradeable to 256 MB
- Fast HP Jetdirect Print Server Card
- HP-GL/2, HP-GL, CALS G4 and HP RTL print languages (Adobe PostScript 3 optional)

Optional accessories

- Multi-roll feeder
- Adobe PostScript 3 upgrade kit
- 2 GB hard disk drive
- 128 MB memory module
- Take-up reel

HP Designjet 1055CM Plus (6075B)

- 64 MB RAM, upgradeable to 256 MB
- 7.5 GB hard disk drive
- Fast HP Jetdirect Print Server Card
- PANTONE® certification
- Adobe PostScript 3, HP-GL/2, HP-GL, CALS G4 and HP RTL print languages

Optional accessories

- Multi-roll feeder
- 128 MB memory module
- Take-up reel

*Pantone, Inc.'s check-standard trademark for color

Breakthrough speed with HP Jetexpress technology

HP Jetexpress technology sets a new standard for printing, delivering the fast, unattended printing you want and the outstanding line and text quality you demand. Built-in smart chips, printheads and ink cartridges automatically work with the printer to provide fast, no-guesswork printing that is always clear and sharp.

- Modular ink delivery system includes long-life printheads, high-capacity ink cartridges and printhead cleaners to minimize user intervention.
- One-inch printhead and 512 nozzles deliver high-speed printing for higher volumes and tight deadlines.
- Built-in smart chips monitor printhead wear and ink usage, and printhead cleaners maintain the life and performance of the printheads—all to ensure top quality, consistently.
- Modular ink delivery system lowers cost per copy since you replace ink supplies only as needed.

Performance backed by HP

HP Designjet printers are well-known for reliable printing, day in and day out—and HP stands behind these printers with a one-year onsite warranty and a wide array of service and support options designed to maintain the productivity of your printer operation.

Warranty and service

HP's onsite warranty covers free, next-day service for an entire year. You can extend your warranty or upgrade to same-day service with a wide variety of HP Care Pack options. Installation options are available for both the HP Designjet 1000 Plus series printers and the multi-roll feeder. And all work is done by HP-authorized technicians.

Online support

Round-the-clock online web support with troubleshooting tools helps you define, track and solve a problem quickly. Features include driver and software downloads, online diagnostics for interactive troubleshooting, user forums with HP users and technical experts, extensive technical documentation and e-mail options for user questions.

Phone support

HP also provides interactive phone support during regular business hours. Technical support professionals answer your questions and, when necessary, arrange for service.

HP Designjet Multi-Roll Feeder

The HP Designjet Multi-Roll Feeder adds additional media handling and flexibility to HP Designjet 1000 Plus series printers. Together the printer and multi-roll feeder offer a complete, unattended productivity solution for your technical printing needs.

- Flexibility—unattended use of three different media types and sizes with automatic media roll switching
- Larger unattended runs—the ability to print longer runs by loading up to three rolls of the same media size and type
- Integrated workflow—same interface for configuration for both the printer and multi-roll feeder—functionality available via the front panel (selection of default media) or the printer driver (roll selection)
- Compatibility—Option that works with the HP Designjet 1000 Plus series printers, as well as options for the original HP Designjet 1050C and 1055CM owners

HP Designjet 1000 Plus series printers

Technical specifications

HP Designjet 1050C Plus
(Product number: C6074B)

HP Designjet 1055CM Plus
(Product number: C6075B)

64 MB RAM, upgradeable to 256 MB, HP Jetexpress technology, Adobe Postscript 3 options, PANTONE® certified (HP Designjet 1055CM Plus)	
Print performance Line drawings Color images	D-size: 24 in x 36 in 45 seconds, draft mode 200f ² /hr, fast mode (approximate speed on HP Coated Paper)
Print quality Maximum resolution Minimum line width Line accuracy Margins	1200 dpi addressable (line drawings), 600 dpi (color images) 0.003 in ±0.2% of the specified page length Lateral 5 mm, leading and trailing edge 17 mm
Media handling optional Sheet Roll	Dual path for sheet and roll feed, automatic cutter Multi-roll feeder; take-up reel Width: 8.3 in to 36 in, Width: 24 in, 36 in; length: up to 300 ft
Printing material	Supports HP basic printing material, technical papers and films, bonds and coated papers, plus selected photographic, durable and specialty printing materials HP Designjet multi-roll does not support canvas or vinyl media.
HP 80 Ink System	Choice of 175 ml and 350 ml ink cartridges Pigment-based black ink; dye-based colors (CMY)
Memory	64 MB standard; 256 MB, 2 GB HD maximum
Connectivity	64 MB, 7.5 GB HD standard; 256 MB, 7.5 GB HD maximum
Printer languages	HP-GL/2, HP-GL, HP RTL, CALS G4
Microsoft® Windows drivers AutoCAD drivers ZEHRaster Plus drivers PostScript drivers Multi-roll feeder drivers Interfaces	Adobe PostScript 3, HP-GL/2, HP-GL, HP RTL, CALS G4 95, 98, NT 4.0, 2000, Me 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 (1055CM Plus only): Microsoft Windows 95, 98, NT 4.0, 2000; Macintosh v8.1-9.1 Windows (HP-GL/2) 95, 98, NT, 2000, Me, AutoCAD R13/14/2000, Windows (PostScript) NT, 2000 Centronics parallel (ECP) IEEE 1284 compliant; HP Jetdirect 610n 10/100Base-TX; optional HP Jetdirect internal print servers

Dimensions (w x d x h)

Printer: 61 x 27 x 51 in

Weight

Printer: 154 lb

Shipping

Dimensions (w x d x h):

Printer: 72 x 27 x 41 in
Multi-roll feeder: 63 x 27 x 51 in

Weight:

Printer: 346 lb, Multi-roll feeder: 410 lb

Environmental ranges

Operating temperature:
Storage temperature:
Operating humidity:

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

Acoustics

Printing:
Idle:

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

Power requirements

100 to 240 volts (± 10%); 50 to 60 Hz

Power consumption

Standby mode:
Maximum:

<40 watts maximum
200 watts

Product certification

Safety certification:
Electromagnetic compatibility:

IEC 950 compliant; safety UL listed, NEMKO approved; certified by Canada CSA
Compliant with WU EMC directive, USA FCC Rules, Canada DoC requirements for Class B Products (Class A when connected to LANs)

Environmental compliance:

U.S. EPA Energy Star compliant

Warranty and support service

1-year warranty includes free, next-business-day, onsite support and service
Multi-roll feeder accessory: 1-year warranty next-day onsite, independent of printer warranty status

What's in the box

HP Designjet 1050 and 1055: printer stand; 2-roll-feed spindles; cutter, knife and holder; hard disk (1055 only); Microsoft Windows AutoCAD drivers; Adobe PostScript 3 drivers (1055 only); power cord; HP 80 ink supplies; HP printing material sample; ZEHRaster for UNIX; HP install network wizard; user documentation. multi-roll feeder box: power cords; user documentation

Ordering information

Product number	Description	
C6074B	HP Designjet 1050C Plus printer	
C6075B	HP Designjet 1055CM Plus printer	
Service and support		
H7604/E	Installation	
H4518A/E	Installation and network configuration service	
H5655A/E	HP Care Pack, 3-year, next-day, onsite	
H2815A/E	HP Care Pack, 3-year, same-day, onsite, 8 a.m.–5 p.m.	
H2816E	HP Care Pack, 3-year, same-day, onsite, 8 a.m.–9 p.m.	
H4608PA/E	HP Care Pack, 1-year, post warranty, next-day, onsite	
HP Care packs are also available providing a same-day onsite service (depending on location). They should be purchased together with the HP Designjet printer, at latest 180 days after purchase of the printer. For more support services please visit: www.designjet.hp.com		
Supplies and accessories		
C2394A	Multi-roll feeder (for HP Designjet 1000 Plus series printers)	
Q1281A	HP PostScript Kit	
C6078A	36-inch spindle	
HP ink cartridges		
C4871A	Black 350 ml HP 80	
C4846A	Cyan 350 ml HP 80	
C4847A	Magenta 350 ml HP 80	
C4848A	Yellow 350 ml HP 80	
C4872A	Cyan 175 ml HP 80	
C4874A	Magenta 175 ml HP 80	
C4873A	Yellow 175 ml HP 80	
HP printheads and printhead cleaners		
C4820A	Black HP 80	
C4821A	Cyan HP 80	
C4822A	Magenta HP 80	
C4823A	Yellow HP 80	
Value packs		
HP ink cartridges, printheads and printhead cleaners		
C4890A	Black 350 ml HP 80	
C4891A	Cyan 350 ml HP 80	
C4892A	Magenta 350 ml HP 80	
C4893A	Yellow 350 ml HP 80	
Printing material		
24-inch	36-inch	
C7919A	C7921A	HP Basic Bond Paper, 150 ft roll
C8281A	C8282A	HP Basic Coated Paper, 150 ft roll
C7909A	C7911A	HP Basic Double-Matte Erasable Film, 125 ft roll
C1860A	C1861A	HP Bright White Inkjet Bond Paper, 150 ft roll
	C6810A	HP Bright White Inkjet Bond Paper, 300 ft roll
C6019B	C6020B	HP Coated Paper, 150 ft roll
	C6980A	HP Coated Paper, 300 ft roll
For additional compatible HP printing materials, please visit: www.designjet.hp.com/media		
Memory		
Q1282A	64 MB DIMM	
Q1283A	128 MB DIMM	
C2985B	2 GB hard disk upgrade kit	



HP recommends Microsoft® Windows® XP Professional for mobile computing.

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