



production



fast

data sheet



hp designjet 1000 plus series printers production technical printers

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 top 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—300-foot input rolls and integrated multi-roll feeder option provide maximum media flexibility and support for longer print runs

top quality

- best hp designjet line quality—up to 1200 dpi resolution for precise, crisp lines
- 600 dpi images—impressive 3D rendering, maps and illustrations for clear, powerful communication and presentations
- wide array of printing materials—choose from a variety of hp premium products for uncompromising quality and consistency or hp basic materials for quality results at a lower price

seamless integration

- compatible with virtually any system—built-in hp jetdirect 610n print server plus HP-GL/2, 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

The HP Designjet printing solution—HP printers, ink systems, and printing materials—engineered and tested together to ensure uncompromising print quality, performance and reliability.

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 with fast hp jetdirect 610n print server

easy to follow LCD control panel

modular 4-color CMYK ink delivery system featuring hp jetexpress technology



dual path for sheet and roll-fed media

optional multi-roll feeder for enhanced media flexibility and unattendedness

highlights

- production printing system prints a D-size color line drawing as fast as 45 seconds
- fast, powerful processing
- 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

- 64 MB RAM, upgradeable to 256 MB
- fast hp jetdirect 610n print server card
- HP-GL/2 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

- 64 MB RAM, upgradeable to 256 MB
- 7.5 GB hard disk drive
- fast hp jetdirect 610n print server card
- PANTONE® certification
- Adobe PostScript 3, HP-GL/2 and HP RTL print languages

optional accessories

- multi-roll feeder
- 128 MB memory module
- take-up reel

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 we stand 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 Supportpack 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, trac, 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. Over 80% of customer problems are resolved with the first phone call!

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
- unattendedness—the ability to print longer runs by loading up to three rolls of the same media size and type
- integrated workflow—the printer and the multi-roll will use the same interface for configuration—functionality will be available via the front panel (selection of default media) or the printer driver (roll selection)
- compatibility—there's an option that works with the hp designjet 1000 plus series printers, as well as options for the original hp designjet 1050c and 1055cm owners



technical specifications

hp designjet 1050c plus • 1055cm plus

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" x 36" | 45 seconds draft mode | 200 ft ² /hr fast mode |

Color images: approximate speed on HP Coated paper

print quality

Maximum resolution: 1200 dpi addressable (line drawings),
600 dpi (color images)
Minimum line width: 0.003 in
Line accuracy: ±0.2% of the specified page length
Margins: lateral 5 mm, leading and trailing edge 17 mm

media 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

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

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 Designjet 1050c plus: HP-GL/2, HP-GL, HP RTL, CALS G4
HP Designjet 1055cm plus: Adobe PostScript 3, HP-GL/2, HP-GL, HP RTL, CALS G4
Microsoft® Windows drivers: 95, 98, NT 4.0, 2000, Me
AutoCAD™ drivers: 13 (Windows 95, NT 3.51, 4.0); 14 (Windows 95, 98, NT 4.0,
Me); AutoCAD 2000 (Windows 98, Me)
ZEHRaster Plus drivers: TIFF and JPEG files accepted from UNIX, Linux and Microsoft
Windows NT
PostScript drivers: (1055cm plus only): Microsoft Windows 95, 98, NT 4.0,
2000; Macintosh® v8.1–9.1
Multi-roll feeder drivers:
Windows (HP-GL/2) 95, 98, NT, 2000, Me
AutoCAD R13/14/2000
Windows (PostScript) NT, 2000
Interfaces: Centronics parallel (ECP) IEEE 1284 compliant; HP Jetdirect 610n
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 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

dimensions (w x d x h)

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

weight

Printer: 154 lbs (69.85 kg)

shipping

Dimensions (w x d x h)
Printer: 72 x 27 x 41 in (1828.80 x 685.80 x 1041.40 mm)
Multi-roll feeder: 63 x 27 x 51 in (1600.20 x 685.80 x 1295.40 mm)

Weight

Printer: 346 lbs (156.94 kg)
Multi-roll feeder: 410 lbs (185.97 kg)

product certification

Safety: IEC 950 compliant; safety UL listed, NEMKO approved; certified by
Canada CSA
Electromagnetic compatibility: Compliant with WU EMC directive, USA FCC
Rules, Canada DoC requirements for Class B Products (Class A when
connected to LANs)
Environmental compliance: US EPA Energy Star compliant

ordering information

| number | description |
|---|---|
| C6074B | HP Designjet 1050c plus printer |
| C6075B | HP Designjet 1055cm plus printer |
| service & support | |
| 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 180 days after purchase of the printer. For more support services please visit: 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 or HP Designjet 1050c printer with PostScript upgrade) |
| Q1281A | HP PostScript kit |
| C6078A | 36-inch spindle |
| C6079A | 36-inch take-up reel (note: cannot be installed with multi-roll feeder) |

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 |

network

| | |
|--------|---|
| J4167A | HP Jetdirect 610n EIO internal print server, Token Ring |
|--------|---|

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

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