HP Designjet 1050c plus
HP Designjet 1055cm plus
High productivity network printer
for unattended printing
High volume unattended photo and line printing for large workgroup

HP Designjet 1000 plus Printer Series network printers are designed for CAD and technical departments that value high productivity, unattended printing. HP Designjet 1050c plus and HP Designjet 1055cm plus large-format printers, together with the new HP Multi-roll feeder, deliver unattended printing of ultra-precise black and colour line drawings, high-quality complex 3D renderings and maps at unparalleled speed.

The HP Designjet 1000 plus Printer Series are suitable for:

• Designers specialising in Computer Aided Design (CAD)
• Technical drawing departments
• Engineering research and development offices that require precision diagrams
• Architects and draughting departments
• Geographic information systems requiring accurate map representations
Professional print solution for the technical market

**HP Designjet 1050c plus and HP Designjet 1055cm plus with HP Multi-roll feeder**

Achieve real unattended printing with HP Designjet 1000 plus Printer Series and its new accessories.

**High unattendedness—HP Multi-roll feeder**

Optional HP Multi-roll feeder enhances media flexibility and unattendedness of HP Designjet 1000 plus Printer Series print solution tremendously. The HP Multi-roll feeder allows 3 different media types to be loaded simultaneously and users can switch effortlessly between the media types. It also allows 300 ft media rolls to be made accessible to your printer.

Together with the ultra long-life, self-cleaning printheads; 350 ml high capacity ink cartridges; built-in HP Jetdirect 610n networking card and extra large memory (up to 7.5 GB for HP Designjet 1055cm plus), the solution is built to meet the needs of high productivity unattended printing operations.

**High speed**

HP Jetexpress technology ensures high-speed printing. The 1 inch printheads and 512 precisely aligned nozzles enable printing of A1 size (2 x 3 ft) colour line drawings at 600 dpi resolution (draft mode) in less than a minute and colour images at 200 ft²/hr (fast mode).

- **Impressive print speed:**
  - D-size: 45 seconds (Line drawing/Fast mode)*
  - D-size: 85 seconds (Images/Fast mode)*

**Excellent print quality**

Achieve uncompromising line and image quality. True 600 dpi and 1200 dpi addressable for precise black lines as fine as 0.08 mm with ±0.2% line accuracy.

Precise ink placement ensures crisp, sharp lines for your map and CAD projects while providing brilliant photo-quality colour images. Together with HP 80 ink supplies and HP media, HP has one complete solution for high quality large-format printing solution.

**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 HP Designjet 1055cm plus, 2 GB hard disk optional for the HP Designjet 1050c plus). Simultaneously processes and queues jobs for large workgroup.

**Extensive connectivity**

Comes with AutoCAD®, Windows® and Adobe® PostScript® drivers for comprehensive connectivity. ZEHRaster for HP software also enable UNIX®, Linux®, Windows NT®/2000 users to print TIFF and JPEG files directly from your printer.

*Approximate mechanical printing speeds on HP Bright White Inkjet Paper for HP Designjet ColorPro CAD/GA and HP Designjet 1050c/1055cm. On coated paper for other models.
Smart ink-system designed for reduced user-intervention

Modular CMYK ink-system designed for reduced user-intervention and consumable costs. With the modular design, you only replace the inks that are depleted. Built-in smart chips in HP 80 ink supplies also allow users to monitor ink levels and even notify users when the printheads are wearing out.

350 ml high capacity cartridges and ultra long-life, self-cleaning printheads means longer periods between ink and printheads replacements.

Ease-of-use

• 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 10/100 Base-TX internal print server allows unattended printing capability even from home.

• Technologically-advanced design features make production easier—snap-in ink cartridges, HP 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. Custom colour correction wizard for Windows NT®/2000 and PANTONE® certification (HP Designjet 1055cm plus only) helps maintain quality output.

Media flexibility

HP Designjet 1050c plus/1055cm plus supports a wide range of HP media including bond, coated, photographic and technical media.

Bond & coated paper

HP Basic Bond Paper, 24/42-inch, 150 ft—C7919A/22A
HP Bright White Inkjet Bond Paper, 24-inch, 150 ft—C6035A
HP Coated Paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B
HP Coated Paper (extra long), 36-inch, 300 ft—C6980A
HP Heavyweight Coated Paper, 24/36-inch, 100 ft—C6029C/30C
HP Basic Coated Paper, 24-inch, 150 ft—C8281A
HP Basic Heavyweight Coated Paper, 24/36-inch, 100 ft—C7923A/24A

Technical paper

HP Matte Film, 24/36-inch, 120 ft—51642A/42B
HP Clear Film, 24/36-inch, 75 ft—C3876A/75A
HP Natural Tracing Paper**, 24/36-inch, 150 ft—C3869A/68A
HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A
HP Vellum, 24/36-inch, 150 ft—C3862A/61A

Photographic paper

HP Basic Photo Satin, 24/36-inch, 100 ft—C8310A/11A
HP Productivity Photo Semi-gloss, 36-inch, 100 ft—Q1943A
HP Basic High-gloss Photo Paper, 24/36-inch, 100 ft—C8315A/16A
HP Productivity Photo Gloss*, 36-inch, 100 ft—Q1938A

* Not compatible when used with optional HP Multi-roll feeder.
** Line drawing only.
1. Network ready fast HP Jetdirect 610n print server.
2. Optimised production printing system prints a A1-size colour line drawing in 45 seconds.
3. Easy to follow LCD control panel.
4. User replaceable modular 4 colour CMYK ink delivery system.
5. Large capacity ink cartridges for longer time between replacement.
6. Optional HP Multi-roll feeder comes with a convenient basket to store printouts.
7. Optional HP Multi-roll feeder for enhanced media flexibility and unattendedness.

HP Designjet 1050c plus/1055cm plus at-a-glance
Selecting the right HP Designjet 1000 plus Printer Series

**HP Designjet 1050c plus**

**Internal features**
- CMYK ink-system prints up to 1200 dpi for monochrome line drawing and 600 dpi for colour images
- 64 MB onboard RAM
- Network ready, fast HP Jetdirect 610n print server card supports TCP/IP, IPX/SPX, DLC/LLC and EtherTalk
- AutoCAD®, Windows®, Adobe® PostScript® drivers (optional on HP Designjet 1050c plus)

**Optional accessories**
- Multi-roll feeder
- Take-up reel
- Adobe PostScript® 3™ drivers
- 2 GB internal HDD

**HP Designjet 1055cm plus**

**Internal features**
- CMYK ink-system prints up to 1200 dpi for monochrome line drawing and 600 dpi for colour images
- 64 MB onboard RAM
- Network ready, fast HP Jetdirect 610n print server card supports TCP/IP, IPX/SPX, DLC/LLC and EtherTalk
- AutoCAD®, Windows®, Adobe® PostScript® drivers (optional on HP Designjet 1050c plus)
- Adobe PostScript® 3™ capability
- 7.5 GB internal HDD

**Optional accessories**
- Multi-roll feeder
- Take-up reel
General features
- 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™ (standard for HP Designjet 1055cm plus, optional for HP Designjet 1050c plus)
- ZEHJrasper plus software
- PANTONE® certified (HP Designjet 1055cm plus)
- HP ZoomSmart scaling technology

Print performance
- 45 seconds—draft mode (line drawings)*
- 200 ft²/hour—fast mode (colour images)*

Print resolution
- 1200 dpi addressable (line drawings) 600 dpi (colour images)
- 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 inches to 36 inches
- Roll: width: 24 inches, 36 inches, length: up to 300 feet

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, CALSG4 (HP Designjet 1050c plus); Adobe PostScript® 3™, HP-GL/2, HP-GL, HP RTL, CALSG4 (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 ZEHJrasper plus software; PostScript® (HP Designjet 1055cm): Microsoft Windows 95, 98, NT 4.0, 2000; Macintosh®: v8.1—9.1
- Interfaces: Centronics parallel (ECP) IEEE 1284 compliant; HP Jetdirect EIO10/100Base-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 Bel (A)
- Idle: pressure: <38 dB (A) power: 5.3 Bel (A)

Dimension (h x d x w)
- 61 x 27 x 51 inches (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 UVD & EN 60950 compliant. NEMKO approved. Certified by Canada CSA, Mexico NOM-1 NYCE, Czech republic E2J, Singapore PSB, Russia COST, 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

Warranty
- 1-year warranty support and service for your printer by HP trained technicians. Some countries may have slightly different support delivery.
- Multi-roll feeder accessory: 1-year warranty independent of printer warranty status.

* A1-size: 24 in x 36 in, app. speed on HP Coated Paper (colour images)
For more information, visit our website at http://www.designjet.hp.com, or call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

HP customer information centre (for product information)
Australia 132347
China +86 21 2898 2255
Hong Kong +852 800 938 833
India +91 11 682 6035
Indonesia +0800 1111 222
Korea +08 703 0700
Malaysia +60 3 275 6707
New Zealand +64 9 356 6640
Philippines +63 2 867 3551
Singapore +65 6 277 5300
Thailand +662 353 9000
Vietnam +848 823 4530

For the following countries, please fax your queries to: +65 6 275 6707
• Bangladesh • Brunei • Cambodia • Pakistan • Sri Lanka

HP customer care centre (for post-sales service)
Australia +61 3 8877 8000
China +86 10 6564 5959
Hong Kong +852 800 96 7729
India +91 11 682 6035
Indonesia +62 21 350 3408
Korea +82 2 867 3551
Malaysia +60 3 275 6707
New Zealand +64 9 356 6640
Philippines +63 2 867 3551
Singapore +65 6 277 5300
Taiwan +886 2 2717 0055
Thailand +662 353 9000
Vietnam +848 823 4530

For more information on HP Care Pack, visit: http://www.hp.com/apac/hpservices/carepack
For specific warranty details, please check with your local country resellers.

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