HP Designjet Z6600 Production Printer

The fastest 60-in graphics production printer with efficient operation

Designed for speed and productivity

- Print as fast as 1500 ft²/hr (140 m²/hr) in fast mode and 212 ft²/hr (20 m²/hr) in high-quality mode
- Cut turnaround times and effortlessly handle large data loads thanks to high file-processing power
- Create quality prints at top speed with HP Double Swath Technology and the HP Optical Media Advance Sensor
- Confidently print unattended thanks to heavy media rolls, 775-ml HP ink cartridges, and a built-in take-up reel

High-impact image quality

- Achieve smooth color tones thanks to HP Multi-Dimensional Smart Drop Placement Technology
- Create unique black-and-white prints—three shades of black HP ink deliver rich density and smooth transitions
- Offer your customers durable prints that last up to 200 years, using HP Vivid Photo Inks
- Print a wide range of jobs—from posters, photos, and signs to canvas and backlit prints—on many substrates

Efficient operation with a 6-ink printing system

- Print up to 30% more efficiently, using a 6-ink printing system with an optimized configuration
- Choose how you want to print—send jobs right from your preferred design applications or through third-party RIPs
- Ensure image quality—and reduce cleaning and waste—using automatic drop detection and intelligent masking
- Gain color reliability with HP Professional PANTONE® color emulation and embedded Adobe® PostScript®/PDF

Eco Highlights

- Breakthrough color consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling
- FSC®-certified papers, range of recyclable HP media with a take-back program
- ENERGY STAR® qualified and EPEAT Bronze registered

Please recycle large-format printing hardware and printing supplies. Find out how at our website hp.com/recycle

1. With Aurasma installed, please go to the HP Designjet channel at http://auras.ma/s/ke25m
2. Without Aurasma installed, please download it:

Once done, go to the HP Designjet channel at http://auras.ma/s/ke25m
3. Open the application and point to the image to view the HP Designjet video
Data sheet | HP Designjet Z6600 Production Printer

Technical specifications

Print
Max print speed6 140 m²/hr (1500 ft²/hr) on plain media
Color images7 Best: 3.2 m/image on A1/D or up to 13.1 m/image (141 ft/image) on glossy media
Normal: 2.1 m/image on A1/D or up to 19.7 m/image (212 ft/image) on glossy media
Print resolution Up to 2400 x 1200 optimized dpi
Margins 5 x 5 x 5.5 mm (0.2 x 0.2 x 0.2 in)
Ink types Pigment-based
Technology HP Thermal Inkjet
Ink cartridges Cyan, magenta, yellow, light gray, matte black, photo black
Line accuracy +/- 0.1% "b"
Minimum line width 0.02 mm (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width 0.006 mm (0.00026 in) (IEEE 1366-2001 (EU))

Image quality
Color accuracy Median < 1.9 dl2000, 95% of colors < 2.77 dl2000 8
Short term color stability < 1 dl2000 in less than 5 minutes 8
Long term print-to-print Averages < 0.5 dl2000, max < 1 dl2000 8
Maximum optical density 4.51 "L"/m² (2.31 D* 8)

Media
Handling Roll feed, automatic cutter, take-up reel
Media types Bond and coated paper, technical paper, film, photographic paper, proofing paper, back-up paper, self-adhesive, sign, fabric, fine art printing material
Size 279 x 1524-mm (11 x 60-in) rolls
Thickness Up to 0.56 mm (22 mil)
Applications Posters, Banners, Mockups, Photos, Digital fine art, Banners, Exhibition, Event graphics, Light boxes – film, Point of sale/display

Memory
64 Gb (factory)- 320 Gb hard disk

Connectivity
Interfaces (standard) Gigabit Ethernet (10/100Base-T), EIO express accessory slot
Print languages (standard) HP-GL/2, HP-RTL, C4S G4
Print languages (optional) Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG
Printing utilities Printer driver, HP Embedded Web Server
Drivers (included) HP-GL/2, HP-RTL drivers for Windows, Postscript drivers, Mac drivers using optional Postscript/PDF Upgrade Kit

Dimensions (w x d x h)
Printer 2430 x 690 x 1370 mm (95.7 x 27.2 x 53.9 in)
Shipping 2700 x 750 x 1000 mm (106.3 x 28.5 x 47.2 in)
Weight Printer 190 kg (419 lb)
Shipping 251 kg (553.4 lb)

What’s in the box
HP Designjet Z6600 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, take-up reel, 3-in spindle adaptor kit, quick reference guide, setup poster, startup software, power cord

Environmental ranges
Operating temperature 5 to 40 °C (41 to 104 °F)
Storage temperature -20 to 55 °C (41 to 131 °F)
Relative humidity < 20% - 80% RH

Acoustic
Sound pressure 53 dBA (printing), 39 dBA (sleep)
Sound power 7.0 B(A) (printing), 5.5 B(A) (ready), 5.5 B(A) (sleep)

Power Consumption 270 watts (printing), 420 watts (maximum), < 48 watts (standby), < 5 watts (sleep), < 0.3 watts (off)
Requirements Input voltage limits: 100 to 127 VAC (+/- 10%), 5 A; 220 to 240 VAC, (+/- 10%), 3 A, 50/60 Hz (+/- 3 Hz)

Certification
Safety USA and Canada (cSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CC), Argentina (Ibam), Mexico (NYCE), Japan (KATS)
Electromagnetic Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (WML), New Zealand (Rim), China (CCC), Japan (VCCI), Korea (IRAM)

Electronics ENERGY STAR 2.0, Wi-Fi, Wi-Fi Protected Setup, Bluetooth

Warranty
One-year limited hardware warranty
6 Mechanical printing time. Printed in Fast mode with HP Vivid Photo Inks.
7 Mechanical printing time. Printed with HP Designjet 950-Plat Printer Inks.
8 +/- 0.1% of the specified vector length or +/- 0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/F4 Matte Film in Best or Normal mode with HP Vivid Photo Inks.
9 Measured on HP Matte Film.
10 Includes absolute colorimetric accuracy with HP Vivid Photo Inks.
11 With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks, right after calibration.

For more information, please visit hp.com/go/DesignjetZ6600

Ordering information

Product F2S71A HP Designjet Z6600 60-in Production Printer (not available in Latin America)

Accessories CQ854C HP Designjet HD Scanner
CQ745A HP Designjet PostScript/PDF Upgrade Kit
CQ754A HP Designjet 60-in Spare
J9D52SA HP Anti-Theft 640n Print Server
B071A HP Designjet 60-in Media Bin
B071A HP Designjet User Maintenance Kit

Original HP printheads CTZQA HP 773 Matte Black and Cyan Designjet Printhead
CE018A HP 771 Matte and Yellow Designjet Printhead

Original HP ink cartridges and maintenance supplies
CTZQA HP 773A-775-ml Matte Black Designjet Ink Cartridge 13
CTZ7A HP 773A-775-ml Matte Designjet Ink Cartridge 13
CTZ4A HP 774A-775-ml Yellow Designjet Ink Cartridge 13
CTZQA HP 775A-775-ml Cyan Designjet Ink Cartridge 13
CTZ27A HP 777A-775-ml Photo Black Designjet Ink Cartridge 13
CTZ48A HP 777A-775-ml Light Gray Designjet Ink Cartridge 13
B0Y15A HP 777A-775-ml Matte Black Designjet Ink Cartridge
B0Y17A HP 777A-775-ml Matte Designjet Ink Cartridge
B0Y18A HP 777A-775-ml Yellow Designjet Ink Cartridge
BQY20A HP 777A-775-ml Light Cyan Designjet Ink Cartridge
BQY21A HP 777A-775-ml Photo Black Designjet Ink Cartridge
BQY22A HP 777A-775-ml Light Gray Designjet Ink Cartridge
BQY23A HP 777A-775-ml Matte Black Designjet Ink Cartridge
BQY41A HP 777A-775-ml Matte Designjet Ink Cartridge
BQY42A HP 777A-775-ml Yellow Designjet Ink Cartridge
BQY44A HP 777A-775-ml Light Gray Designjet Ink Cartridge
BQY46A HP 777A-775-ml Photo Black Designjet Ink Cartridge
BQY48A HP 777A-775-ml Light Cyan Designjet Ink Cartridge

HP Large format printing materials
Q8000A HP Premium Instant-dry Satin Photo Paper FSC® certified® 0* 1524 mm x 30.5 m (60 in x 100 ft)
Q567BA HP Universal Instant-dry Gloss Photo Paper FSC® certified® 0* 1524 mm x 30.5 m (60 in x 100 ft)
BQ707A HP Artist Matte Canvas 1524 mm x 3.2 m (60 in x 50 ft)
BQ750A HP Premium Vivid Colour Backlit Film 0* 1524 mm x 3.0 m (60 in x 100 ft)

Service and support

H451BE HP Installation Service with Network Setup
U12N7E HP 2 years Next Business Day Onsite Support with DMR*
U12NBE HP 3 years Next Business Day Onsite Support with DMR*
U12N9E HP 5 years Next Business Day Onsite Support with DMR*
U12NPE HP 1 year Post Warranty, Next Business Day Onsite Support with DMR*
U12N1FE HP 2 years Post Warranty, Next Business Day Onsite Support with DMR*
U1X5AE HP Preventive Maintenance Service

HP Designjet Support Services offer solutions for business critical environments — installation, extended support and maintenance, as well as variety of value-added services. For more information, please visit hp.com/go/designjet/support.

Use HP Vivid Photo Inks and printheads to experience consistent high-quality and reliable performance that enables less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see globalBNG.com/hp.

13 With HP Premium Instant-dry Gloss Photo Paper with HP Vivid Photo Inks.
14 Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included only in the HP Designjet PostScript/PDF Upgrade Kit accessory.
15 Only in selected US channels
16 BNG trademark license code FSC®-C115193, see factory. HP trademark license code FSC®-C017543, see factory. Not all FSC®-certified products are available in all regions.
17 In North America, recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).
18 HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See hp.com/recycle for details.
19 Display performance rating for interior display/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media with Original HP inks. See globalBNG.com/hp.