# HP DESIGNJET T620
## PRINTER SERIES

## TECHNICAL SPECIFICATIONS

### Print Speed[1]

| | |
|---|---|
| Line drawings[2] | Fast: 35 sec/page on D/A1, 72 D/A1 prints per hour |
| Color images | Fast: 364 ft²/hr (34 m²/hr)[3] |
| | Best: 26 ft²/hr (2.4 m²/hr)[4] |

### Printing

| | |
|---|---|
| Print resolution | Up to 2400 x 1200 optimized dpi |
| Margins | **Roll:** 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) |
| (top x bottom x left x right) | **Sheet:** 0.2 x 0.67 x 0.2 x 0.2 in (5 x 16.75 x 5 x 5 mm) |
| Technology | HP Thermal Inkjet |
| Ink types | Dye-based (C, M, Y, G, PK); pigment-based (MK) |
| Ink colors | Cyan, gray, magenta, matte black, photo black, yellow |
| Ink drop | 6 pl (C, M, PK, G), 9 pl (Y, MK) |
| Ink cartridge size | 130 ml (cyan, gray, magenta, matte black, photo black, yellow) |
| | 69 ml (cyan, gray, magenta, photo black, yellow) |
| Printheads | 3 (matte black and yellow, magenta and cyan, gray and photo black) |
| Line accuracy | +/- 0.1%[5] |
| Minimum line width | 0.0008 in (0.02 mm) (HP-GL/2 addressable) |
| Guaranteed minimum line width | 0.0024 in (0.06 mm) (ISO/IEC 13660:2001(E))[6] |
| Maximum print length | 300 ft (91 m) (OS and application dependent) |

### Media

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|---|---|
| Handling | Sheet feed; roll feed; automatic cutter |
| Types | Bond and coated papers, technical papers, films, photographic papers, backlit materials, self-adhesive materials |
| Weight | 60 to 328 g/m² |
| Size | 8.26 x 11 to 24 x 66 in (210 x 279 to 610 x 1676 mm) sheets; 11 to 24 in (27.94 to 60.96 cm) rolls |
| Thickness | Up to 31.5 mil |

### Memory

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|---|---|
| | 2 GB dedicated file-processing memory[7] |

### Connectivity

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|---|---|
| Interfaces (standard) | 1 Fast Ethernet (100Base-T) port, 1 Hi-Speed USB 2.0 certified port, 1 EIO Jetdirect accessory slot |
| Interfaces (optional) | HP Jetdirect EIO print servers |
| Print languages (standard) | HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI |
| Drivers (included) | HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; support for Citrix XenApp and Citrix XenServer environments |

### Recommended system requirements

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|---|---|
| Mac | Mac OS X v 10.4, Mac OS X v 10.5: PowerPC G4, G5, or Intel Core Processor; 1 GB RAM; 2 GB available hard disk space |
| Windows | Windows XP® (SP2 or later): Intel® Pentium® family or AMD® K6/Athlon/Duron family (1 GHz), 1 GB RAM, 2 GB available hard disk space; Windows Vista®: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 2 GB available hard disk space |

### Dimensions (w x d x h)

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|---|---|
| Printer | 49.7 x 27.2 x 41.2 in (1262 x 690 x 1047 mm) |
| Shipping | 56.69 x 30.16 x 30.4 in (1440 x 766 x 763 mm) |

### Weight

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|---|---|
| Printer | 143 lb (65 kg) |
| Shipping | 224 lb (102 kg) |

### What's in the box

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|---|---|
| | Printer, printheads (3 x 2 colors each), introductory ink cartridges, 24-in stand, Quick Reference Guide, setup poster, Serif PosterDesigner Pro poster, start-up software, power cord |

### Environmental ranges

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|---|---|
| Operating temperature | 41 to 104° F (5 to 40° C) |
| Recommended operating temperature | 59 to 95° F (15 to 35° C) (depending on paper type) |
| Storage temperature | -13 to 131° F (-25 to 55° C) |
| Recommended operating humidity | 0 to 80% RH (depending on paper type) |
| Storage humidity | 0 to 95% RH |

### Acoustic

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|---|---|
| Sound pressure, active | 57 dB(A) |
| Sound pressure, standby | 29 dB(A) |
| Sound power, active | 6.9 B(A) |
| Sound power, standby | 4.4 B(A) |

### Power consumption

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|---|---|
| Maximum | 120 watts |
| Powersave | < 9.5 watts (< 27.5 watts with embedded DFE) |
| Off | 0.1 watts |
| Power requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |

### Certification

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|---|---|
| Safety | USA and Canada (CSA certified); EU (LVD and EN60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE) |
| Electromagnetic | Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC) |
| Environmental | WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP |
| ENERGY STAR® qualified models | see: http://www.hp.com/go/energystar |

### Warranty

| | |
|---|---|
| | One-year limited hardware warranty |

## ORDERING INFORMATION

### Product

| | |
|---|---|
| CK835A | HP Designjet T620 24-in Printer |

### Accessories

| | |
|---|---|
| Q6700A | HP Designjet Zxx00/T1xx0/T6x0 24-in Spindle |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Pro for HP |

### Original HP printheads

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|---|---|
| C9380A | HP 72 Gray and Photo Black Printhead |
| C9383A | HP 72 Magenta and Cyan Printhead |
| C9384A | HP 72 Matte Black and Yellow Printhead |

### Original HP ink cartridges

| | |
|---|---|
| C9397A | HP 72 69-ml Photo Black Ink Cartridge |
| C9398A | HP 72 69-ml Cyan Ink Cartridge |
| C9399A | HP 72 69-ml Magenta Ink Cartridge |
| C9400A | HP 72 69-ml Yellow Ink Cartridge |
| C9401A | HP 72 69-ml Gray Ink Cartridge |
| C9403A | HP 72 130-ml Matte Black Ink Cartridge |
| C9370A | HP 72 130-ml Photo Black Ink Cartridge |
| C9371A | HP 72 130-ml Cyan Ink Cartridge |
| C9372A | HP 72 130-ml Magenta Ink Cartridge |
| C9373A | HP 72 130-ml Yellow Ink Cartridge |
| C9374A | HP 72 130-ml Gray Ink Cartridge |

### Original HP printing materials

| | |
|---|---|
| Q6627A | HP Super Heavyweight Plus Matte Paper 210 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| Q6628A | HP Super Heavyweight Plus Matte Paper 210 g/m², 42 in x 100 ft/1067 mm x 30,5 m |
| C6030C | HP Heavyweight Coated Paper 130 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| C6569C | HP Heavyweight Coated Paper 130 g/m², 42 in x 100 ft/1067 mm x 30,5 m |
| Q1956A | HP Heavyweight Coated Paper 130 g/m², 42 in x 225 ft/1067 mm x 67,5 m |
| C6019B | HP Coated Paper 90 g/m², 24 in x 150 ft/610 mm x 45,7 m |
| C6020B | HP Coated Paper 90 g/m², 36 in x 150 ft/914 mm x 45,7 m |
| C6980A | HP Coated Paper 90 g/m², 36 in x 300 ft/914 mm x 91,4 m |
| C1860A | HP Bright White Inkjet Paper 90 g/m², 24 in x 150 ft/610 mm x 45,7 m **now with ColorPRO Technology** |
| C1861A | HP Bright White Inkjet Paper 90 g/m², 36 in x 150 ft/914 mm x 45,7 m **now with ColorPRO Technology** |
| C6810A | HP Bright White Inkjet Paper 90 g/m², 36 in x 300 ft/914 mm x 91,4 m **now with ColorPRO Technology** |
| Q1397A | HP Universal Bond Paper 80 g/m², 36 in x 150 ft/914 mm x 45,7 m **now with ColorPRO Technology** |
| C3868A | HP Natural Tracing Paper 90 g/m², 36 in x 150 ft/914 mm x 45,7 m |
| C3875A | HP Clear Film 174 g/m², 36 in x 75 ft/914 mm x 22,9 m |
| 51642B | HP Matte Film 160 g/m², 36 in x 125 ft/914 mm x 38,1 m |
| Q1427A | HP Universal High-gloss Photo Paper 190 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| Q1421A | HP Universal Semi-gloss Photo Paper 190 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| CG459A | HP Premium Matte Photo Paper 210 g/m², 24 in x 100 ft/610 mm x 30,5 m |
| CG460A | HP Premium Matte Photo Paper 210 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| C7960A | HP Reverse Print Matte Backlit Film 160 g/m², 36 in x 75 ft/914 mm x 22,9 m |
| Q8834A | HP Self-adhesive Gloss Polypropylene 120 g/m², 36 in x 75 ft/914 mm x 22,9 m |
| CG886A | HP Cockle-free Heavyweight Coated Paper 170 g/m², 24 in x 100 ft/610 mm x 30,5 m |
| CG887A | HP Cockle-free Heavyweight Coated Paper 170 g/m², 36 in x 100 ft/914 mm x 30,5 m |
| CG888A | HP Cockle-free Heavyweight Coated Paper 170 g/m², 42 in x 100 ft/1067 mm x 30,5 m |
| CG883A | HP Cockle-free Coated Paper 100 g/m², 24 in x 150 ft/610 mm x 45,7 m |
| CG884A | HP Cockle-free Coated Paper 100 g/m², 36 in x 150 ft/914 mm x 45,7 m |
| CG885A | HP Cockle-free Coated Paper 100 g/m², 42 in x 150 ft/1067 mm x 45,7 m |
| CG889A | HP Recycled Bond Paper 80 g/m², 24 in x 150 ft/610 mm x 45,7 m **made of 100% recycled base paper** |
| CG890A | HP Recycled Bond Paper 80 g/m², 36 in x 150 ft/914 mm x 45,7 m **made of 100% recycled base paper** |
| CG891A | HP Recycled Bond Paper 80 g/m², 42 in x 150 ft/1067 mm x 45,7 m **made of 100% recycled base paper** |

### HP Care Pack Services

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|---|---|
| US263E | HP 3-year Next Business Day Onsite Support |
| H4518E | HP Installation Services with Network Setup |
| US260E | HP 3-year Same Day Onsite Service (9x5) |
| US256E | HP 3-year Same Day Onsite Service (13x5) |
| US262E | HP 4-year Next Business Day Onsite Support |
| US261E | HP 5-year Next Business Day Onsite Support |

For more HP large-format printing materials and sizes please visit us online at:
www.hp.com/go/designjet/supplies

[1] Mechanical printing time
[2] Printed on plain media with Economode on
[3] Printed on coated media
[4] Printed on glossy media
[5] +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 73° F (23° C), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film
[6] Measured on HP Matte Film
[7] 384 MB RAM memory

## FOR MORE INFORMATION, VISIT OUR WEBSITE AT
## WWW.HP.COM/GO/DESIGNJETT620