

## Technical specifications

<b>Print technology</b>	HP Color thermal inkjet
<b>Print quality</b>	2400 x 1200 dpi (glossy media)
<b>Colour technology</b>	ColorSync 3.0 (only Mac drivers)
<b>Number of inks</b>	4 cartridges (1 each black, cyan, magenta, yellow)
<b>Ink types</b>	Pigmented black, dye-based colour
<b>Print speed</b>	Economic quality: 7.9 m <sup>2</sup> /hr. Productivity quality: 3.3 m <sup>2</sup> /hr. Photo quality: 2 m <sup>2</sup> /hr
<b>Line</b>	Line accuracy: +/- 0.2 % or 0.38 mm whichever is greater at 23 °C, 50/60% RH on HP Special polyester film. Minimum width: 0.0423 mm
<b>Print languages</b>	Adobe® PostScript® 3 (for Designjet 800ps), HP-GL/2, HP RTL, CALS G4, TIFF and JPEG files (from UNIX, Linux and Microsoft® Windows® NT via ZEHRAster Plus)
<b>Memory</b>	Standard : 800 (24 in): 96 MB RAM and 6 GB hard disk; 800ps (24 in): 160 MB RAM and 6 GB hard disk; 800 (42 in): 96 MB RAM and 6 GB hard disk; 800ps (42 in): 160 MB RAM and 6 GB hard disk; maximum : 160 MB RAM and 6 GB hard disk
<b>Media types</b>	Coated and glossy papers, technical media and more
<b>Media sizes</b>	Standard: 800 (24 in): ISO A1, ISO A2, ISO A3, ISO A4, ISO B1, ISO B2, ISO B3, ISO B4, DIN C0, DIN C1, DIN C2, DIN C3, DIN C4, JIS B4, JIS B3, JIS B2, JIS B1; 800ps (24 in): ISO A1, ISO A2, ISO A3, ISO A4, ISO B1, ISO B2, ISO B3, ISO B4, DIN C0, DIN C1, DIN C2, DIN C3, DIN C4, JIS B4, JIS B3, JIS B2, JIS B1; 800 (42 in): ISO A0, ISO A1, ISO A2, ISO A3, ISO A4, ISO B1, ISO B2, ISO B3, ISO B4, DIN C0, DIN C1, DIN C2, DIN C3, DIN C4, JIS B4, JIS B3, JIS B2, JIS B1, JIS B0. Custom: 800 (24 in): Any custom size, bigger than 210 x 210 mm and shorter than 610 x 15240 mm; 800ps (24 in): Any custom size, bigger than 210 x 210 mm and shorter than 610 x 15240 mm; 800 (42 in): Any custom size, bigger than 210 x 210 mm and shorter than 1067 x 15240 mm (42 x 610 inch); 800ps (42 in): Any custom size, bigger than 210 x 210 mm and smaller than 1067 x 15240 mm
<b>Maximum media length</b>	Roll: 45 m. Sheet: 1897 mm
<b>Maximum media width</b>	Sheet and Roll: 610 mm
<b>Maximum print length</b>	15.2 m
<b>Media handling</b>	Single sheet-feed, roll-feed, automatic cutter
<b>Interface and connectivity</b>	Standard: Built-in 10/100 Base TX Ethernet/Fast Ethernet print server with 1 RJ-45 port; 1 Hi-Speed USB 2.0 port. Optional: HP Jetdirect 600n (EIO) internal print servers
<b>Drivers included</b>	Windows® applications: Windows® (95, 98, NT 4.0 and 2000); PostScript: Windows® (95, NT® 4.0) without USB, Windows® (98, 2000); Mac OS 8.1 or later; AutoCAD: AutoCAD 2000 and Releases 13, 14 for Windows®; UNIX®: TIFF and JPEG files are accepted via ZEHRAster Plus software, supplied with the printer
<b>Software</b>	Postscript drivers for Microsoft® Windows® (95, NT 4.0) without USB, Microsoft® Windows® (98, 2000) with USB (compatible with USB 2.0 specifications), Macintosh (OS 8.1 or later), drivers for Microsoft® Windows® (95, 98, NT 4.0 and 2000), drivers for AutoCAD 2000 and R 13, 14 for Microsoft® Windows® - for UNIX, TIFF and JPEG, files are accepted via ZEHRAster Plus software, supplied with the printer.
<b>Operating systems compatibility</b>	Microsoft® Windows® (95, NT 4.0) without USB (compatible with USB 2.0 specifications), Microsoft® Windows (98, 2000), Mac OS 8.1 or later, ZehRaster for UNIX®
<b>Network operating systems compatibility</b>	Novell® NetWare v3.11, 3.12, 4.X, 5.0; NDS (IPX/SPX); NDPS (TCP/IP, IPX/SPX), Microsoft® Windows® 95; Windows 98; (TCP/IP, IPX/SPX); Microsoft Windows NT® 4.0; (TCP/IP, IPX/SPX, DLC/LLC); Microsoft Windows 2000, IBM® OS/2 Warp v3.0, 4.0; (TCP/IP, DLC/LLC), HP-UX v10.X, 11.x; Sun Solaris™ 2.5x, 2.6; IBM AIX v3.2.5 and later, MPE-iX v5.5 (TCP/IP), Line Printer Daemon (lpd), Apple System 7.0 and later (EtherTalk), Artisoft LANtastic v7.0 (DLC/LLC), Internet Printing Protocol
<b>Minimum system requirements</b>	Microsoft® Windows® 95 or 98, Windows® NT or 2000; Mac OS 8.1 or later
<b>Power</b>	Requirements: 100 to 240 AC (+/- 10%) auto-ranging, 50/60 Hz, 3 amps maximum. Consumption: 150 watts maximum
<b>Dimensions (w x d x h)</b>	Out of package: 800 (24 in): 1253 x 470 x 349 mm; 800ps (24 in): 1253 x 470 x 349 mm; 800 (42 in): 1690 x 674 x 1100 mm; 800ps (42 in): 1690 x 674 x 1100 mm
<b>Weight</b>	Out of package: 800 (24 in): 38.5 kg; 800ps (24 in): 38.5 kg; 800 (42 in): 45 kg; 800ps (42 in): 45 kg
<b>Operating environment</b>	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 35° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 15 to 80% RH. Storage temperature: -40 to 60° C. Noise level per ISO 9296: sound power: LwAd 65 dB(A) (ISO DP 7779). Sound pressure: LpAm 52 dB(A) (ISO DP 7779)
<b>Certifications</b>	Safety: Compliant with the requirements for ITE products: EU Low Voltage Directive, USA and Canada CSACertified for US & Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCIB & CCEE, Singapore PSB, Russia GOST, Poland PCBC. EMC certifications: Compliant with the requirements for Class B ITE products (Class A when connected to LAN cables): EU EMC Directive, USA FCC rules, Canada DOC, Australia ACA, New Zealand MoC, China CCIB, Class A for Korea MIC, Taiwan BSMI.
<b>Warranty</b>	1 year warranty with free on-site, next business-day service, backed by HP support centres around the world. HP Supportpacks and service agreements allow you to extend your warranty to up to 5 years, and can provide around-the-clock service with a response time of within 4 hours, every day of the year (depending on the country)

## Ordering information

**C7779B** HP Designjet 800 printer with built-in HP Jetdirect WIO 10/100 Internal Print Server, spindle, power cord, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD, ZEHRAster Plus for UNIX, HP Install Network Wizard, user documentation

**C7779C**  
HP Designjet 800ps (24-inch) Printer as C7779B plus PostScript drivers

**C7780B**  
HP Designjet 800 (42-inch) Printer as C7779B plus printer stand, media bin

**C7780C**  
HP Designjet 800ps (42-inch) Printer as C7779B plus PostScript drivers, printer stand, media bin

### Accessories

**C2388A** HP Designjet SIMM 128MB Memory Module

**C2389A** HP 24-inch Spindle

**C7781A** HP Stand & Bin (500/800 series)

### Ink supplies

**C4911A** HP 82 69 ml Cyan Ink Cartridge

**C4912A** HP 82 69 ml Magenta Ink Cartridge

**C4913A** HP 82 69 ml Yellow Ink Cartridge

**C4810A** HP 11 Black Printhead

**C4811A** HP 11 Cyan Printhead

**C4812A** HP 11 Magenta Printhead

**C4813A** HP 11 Yellow Printhead

**C4844A** HP 10 Black Ink Cartridge - Prints approximately 1,430 to 1,750 pages based on 5% coverage (yield may vary based on printer model)

### Connectivity

**C2392A** HP USB Cable (A-B) 5 Meter

### Service & support

**H4701A/E** HP Care Pack, On-site Response Within 4 Hours Of Call (8am-9pm), 3-years

**H5729A/E** HP Care Pack, Next Business Day On-site Response, 3-years

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com/go/designjet>

<http://www.hp.com/uk> <http://www.hp.com/go/designjet>



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