

# HP Designjet Printers and MFPs for CAD & GIS

Help me choose

HP Designjet ePrinters and eMFP					
	Medium to large workgroup	Small to medium workgroup	Small design studio	Personal use	
					
	<b>HP Designjet T2500 eMultifunction Printer series</b>	<b>HP Designjet T1500 ePrinter series</b>	<b>HP Designjet T920 ePrinter series</b>	<b>HP Designjet T790 ePrinter series</b>	<b>HP Designjet T120 ePrinter</b>
Printer size	36 inch (910 mm)	36 inch (910 mm)	36 inch (910 mm)	24 inch (610 mm)	24 inch (610 mm) and 36 inch (910 mm)
Scan and copy functions	✓	—	—	—	—
PostScript version available	✓	✓	✓	✓	—
Print speed (line drawings)	21 sec/page on A1/D, 120 A1/D prints per hour <sup>1</sup>	21 sec/page on A1/D, 120 A1/D prints per hour <sup>1</sup>	21 sec/page on A1/D, 120 A1/D prints per hour <sup>1</sup>	32 sec/page on A1/D, 93 A1/D prints per hour <sup>1</sup>	35 sec/page on A1/D, 70 A1/D prints per hour <sup>1</sup>
Scan speed	Color: up to 3.81 cm/sec (1.5 in/sec) Grayscale: up to 11.43 cm/sec (4.5 in/sec)	—	—	—	—
Print resolution	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi
Scan/copy resolution	Up to 600 dpi	—	—	—	—
Ink cartridges and printheads	Six Original HP inks and one HP printhead	Six Original HP inks and one HP printhead	Six Original HP inks and one HP printhead	Six Original HP inks and three HP printheads	Four Original HP inks and one long-life HP printhead
Media handling - input	Two automatic front-loading roll feeds, smart roll switching, sheet feed	Two automatic front-loading roll feeds, smart roll switching, sheet feed	Automatic front-loading roll feed, sheet feed	Top-loading roll feed, sheet feed	Sheet feed, roll feed and input tray
Media handling - output	Integrated output stacking tray (from A4/A to AO/E, with up to 50 A1/D-size capacity), basket, automatic cutter	Integrated output stacking tray (from A4/A to AO/E, with up to 50 A1/D-size capacity), basket, automatic cutter	Integrated output stacking tray (from A4/A to AO/E, with up to 50 A1/D-size capacity), basket, automatic cutter	Basket, automatic cutter	Basket, automatic cutter
Media handling - scanner	Straight-through scan paper path for sheet and cardboard originals	—	—	—	—
Output stacking tray	✓	✓	✓	—	—
Standard memory	128 GB (based on 1.5 GB RAM)	64 GB (based on 1.5 GB RAM)	32 GB (based on 1.5 GB RAM)	8 GB (based on 640 MB RAM)	1 GB
Print languages: HP-GL/2, HP-RTL, and HP PCL 3 GUI	✓	✓	✓	✓	✓
Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified host connector	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified host connector	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified host connector	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, Wi-Fi
Full-color touchscreen	✓ (adjustable)	✓ (adjustable)	✓ (adjustable)	✓	✓
True print preview	✓	✓	✓	✓	✓
<b>Wi-Fi certification<sup>3</sup></b>	—	—	—	—	✓
AirPrint compatible	✓	✓	✓	—	✓
HP Designjet ePrint & Share <sup>4</sup>	✓	✓	✓	✓	✓
<b>Auto firmware updates</b>	✓	✓	✓	✓	✓
Job accounting functionality	✓	✓	—	—	—
Manage print queues	✓	✓	—	—	—

<sup>1</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) with Original HP inks.

<sup>2</sup> Mechanical printing time. Printed in Fast mode on plain paper with Original HP inks.

<sup>3</sup> Wireless performance is dependent on physical environment and distance access point, and may be limited during active VPN connections.

<sup>4</sup> Requires an HP Designjet ePrint & Share account, Internet connection to the printer, and connected Internet-capable device. When using the HP Designjet ePrint & Share mobile app, a compatible Apple® iOS or Android™ device and Internet connection are required. Data or connection charges may apply. Print times may vary. 2 GB of temporary storage per account. For more information [hp.com/go/eprintandshare](http://hp.com/go/eprintandshare)

# HP Designjet Printers and MFPs for CAD & GIS

Help me choose

HP Designjet Specialty Printers and MFP Medium to large workgroup			HP Designjet Production Printer Mid-range print production environments
			
<b>HP Designjet T1200 HD Multifunction Printer</b>	<b>HP Designjet T1300 PostScript® ePrinter</b>	<b>HP Designjet T7100 Printer</b>	
Printer size	44 inch (1118 mm)	44 inch (1118 mm)	42 inch (1067 mm)
Scan and copy functions	✓	—	—
PostScript version available	✓	✓	✓ <sup>1</sup>
Print speed (line drawings)	28 sec/page on A1/D, 103 A1/D prints per hour	28 sec/page on A1/D, 103 A1/D prints per hour	15.5 sec/page on A1/D, 165 A1/D prints per hour
Scan speed	Color: 5.1 cm/sec (2 in/sec) Black-and-white: 15.2 cm/sec (6 in/sec)	—	—
Print resolution	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi	Up to 2400 x 1200 optimized dpi
Scan/copy resolution	Up to 9600 dpi (Enhanced mode) with variable resolution settings from 50 dpi in increments of 1 dpi	—	—
Ink cartridges and printheads	Six original HP inks and three HP printheads	Six original HP inks and three HP printheads	Six original HP inks and eight HP printheads
Media handling - input	Sheet feed, two automatic roll feeds, automatic roll switching	Sheet feed, two automatic roll feeds, automatic roll switching	Two roll feeds (upgradable to three), automatic roll switching
Media handling - output	Basket, automatic cutter	Basket, automatic cutter	Automatic cutter and media bin
Media handling - scanner	Straight-through scan paper path for sheet and cardboard originals	—	—
Output stacking tray	—	—	—
Standard memory	Printer: 32 GB (based on 384 MB RAM); Scanner: 1 GB	32 GB (based on 640 MB RAM)	32 GB (based on 1 GB RAM)
Print languages: HP-GL/2, HP-RTL, and HP PCL 3 GUI	✓	✓	✓
Interfaces (standard)	Printer: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot Scanner: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, FireWire (IEEE-1394a compliant)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
Full-color touchscreen	✓	✓	—
True print preview	—	✓ (with HP-GL/2 driver)	—
Wi-Fi certification <sup>4</sup>	—	—	—
AirPrint compatible	—	—	—
HP Designjet ePrint & Share <sup>5</sup>	—	✓	—
Auto firmware updates	—	✓	—
Job accounting functionality	✓	✓	✓
Manage print queues	✓	✓	✓

## HP Designjet ePrint & Share

HP Designjet ePrint & Share is a free web service that makes it easy to access and print large-format documents using tablets, smartphones, laptops, or your printer touchscreen from virtually anywhere.<sup>5</sup>



- Automatically save a copy of your prints in your online print history so it's easy to retrace the progress of your work.
- Conveniently share files stored in your online print history with an automatically generated hyperlink.
- Use your email to send print-ready files to print on your HP Designjet ePrinter.
- Access multiple FTP sites in one place, so it's easy to view and print all your files.
- Help keep your projects safeguarded with trusted HP security features.

[hp.com/go/eprintandshare](http://hp.com/go/eprintandshare)



## Original HP Inks

Use Original HP inks and printheads to experience consistent high-quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit [hp.com/go/DesignjetOriginalHPInks](http://hp.com/go/DesignjetOriginalHPInks)

## HP Large Format Printing Materials

HP's broad portfolio of large format printing materials, from ColorPRO bond papers to coated papers, from technical papers to films, are designed to enable the right print the first time and every time. Designed together with Original HP inks and HP Designjet T-series printers for optimal image quality, consistency, and reliability. For the entire HP Large Format Printing Materials portfolio, please see [hp.com/go/lfprinting/materials-supplies](http://hp.com/go/lfprinting/materials-supplies)

<sup>1</sup> With the optional HP Designjet PostScript/PDF Upgrade Kit accessory.

<sup>2</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) and Original HP inks.

<sup>3</sup> Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.

<sup>4</sup> Wireless performance is dependent on physical environment and distance access point, and may be limited during active VPN connections.

<sup>5</sup> Requires an HP Designjet ePrint & Share account, Internet connection to the printer, and connected Internet-capable device. When using the HP Designjet ePrint & Share mobile app, a compatible Apple® iOS or Android™ device and Internet connection are required. Data or connection charges may apply.

Print times may vary. 2 GB of temporary storage per account. For more information visit [hp.com/go/eprintandshare](http://hp.com/go/eprintandshare)

<sup>6</sup> True neutral grays produced by printers compatible with the HP Three-black ink set.

