



DELL Precision 3580 Intel® Core™ i7 i7-1370P Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: HPHVC

Product name : 3580

- Windows 11 Pro
 - Intel Core i7-1370P (24MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX A500 (4GB GDDR6)
 - 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i7-1370P (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA RTX A500 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro

DELL Precision 3580 Intel® Core™ i7 i7-1370P Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:

Great for 2D CAD, Design and Creative Applications

With intelligently optimized performance, the 3580 is a reliable workstation for entry-level design and creative applications.



Design		Network	
Product type *	Mobile workstation	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Grey	Bluetooth	✓
Form factor *	Clamshell	WWAN	Upgradable
Intel® vPro™ Platform Eligibility	✓	MIMO	✓
Display		MIMO type	Multi User MIMO
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.0
LED backlight	✓	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:9	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	400 cd/m ²	Charging port type	USB Type-C
Pixel pitch	0.179 x 0.179 mm	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	141 ppi	USB Power Delivery	✓
RGB colour space	sRGB	PowerShare	✓
Colour gamut	100%	Number of USB ports with PowerShare support	1
Display response rise/fall	35 ms	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	800:1	Keyboard language	UK English
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel® Core™ i7	Software	
Processor generation	13th gen Intel® Core™ i7	Operating system language	German, Dutch, English, French, Italian
Processor model *	i7-1370P		
Processor cores	14		
Processor boost frequency	5.2 GHz		

Processor		Software	
Performance cores	6	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Efficient cores	8	Operating system installed *	Windows 11 Pro
Performance-core Max Turbo Frequency	5.2 GHz	Processor special features	
Efficient-core Max Turbo Frequency	3.9 GHz	Intel Flex Memory Access	✓
Processor cache	24 MB	Intel Trusted Execution Technology	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	20 W	Intel Stable Image Platform Program (SIPP)	✓
Processor base power	28 W	Execute Disable Bit	✓
Maximum turbo power	64 W	CPU configuration (max)	1
Memory		Embedded options available	✗
Internal memory *	32 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	4800 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	3
Memory slots	2x SO-DIMM	Battery capacity *	54 Wh
Maximum internal memory *	64 GB	Battery voltage	11.4 V
Memory channels	Dual-channel	Battery recharge time	3 h
Storage		Battery weight	220 g
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	130 W
Total SSDs capacity	1 TB	AC adapter frequency	50/60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB charging voltage	20.5 V
SSD interface	PCI Express 4.0	USB charging current	6.5 A
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
SSD performance class	35	Cable lock slot type	Wedge
Optical drive type *	✗	Smart card reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete GPU manufacturer	NVIDIA	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX A500	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	4 GB	Operating relative humidity (H-H)	10 - 90%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✓	Operating shock	110 G
On-board graphics card model *	Intel Iris Xe Graphics	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio system	MaxxAudio	Non-operating vibration	1.3 G
Number of built-in speakers	2	Weight & dimensions	
Speakers manufacturer	Waves	Width	357.8 mm
Speaker power	2 W	Depth	233.3 mm
Built-in microphone	✓	Height (front)	2.08 cm
Number of microphones	2	Height (rear)	2.28 cm
Camera		Weight *	1.61 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint	327 kg of CO2e
Front camera resolution	1920 x 1080 pixels	Total carbon emissions (Standard deviation)	68 kg of CO2e
Front camera HD type	Full HD	Carbon emissions (Manufacturing)	277 kg of CO2e
Video capturing speed	30 fps		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		

Network		Carbon footprint	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Carbon emissions (Logistics)	12 kg of CO2e
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon emissions (Energy Usage)	36 kg of CO2e
Mobile network connection *	✘	Carbon emissions (End-of-Life)	2 kg of CO2e
Wi-Fi data rate (max)	2400 Mbit/s	Total carbon emissions (w/o Use phase)	291 kg of CO2e
Antenna type	2x2	PAIA version	1.3.2
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Ethernet LAN	✔		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-JUN-2024. Prints or copies of Information are only valid on the printed Publication date