



DELL Precision 3580 Intel® Core™ i7 i7-1360P Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: D05W9

Product name : 3580

- Windows 11 Pro
 - Intel Core i7-1360P (18MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX A500 (4GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-1360P (18MB Cache), 16GB DDR5-SDRAM, 512GB 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 i7-1360P Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB 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 *	i7-1360P		
Processor cores	12		
Processor boost frequency	5 GHz		

Processor		Software	
Performance-core Max Turbo Frequency	5 GHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Efficient-core Max Turbo Frequency	3.7 GHz	Operating system installed *	Windows 11 Pro
Processor cache	18 MB	Processor special features	
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Configurable TDP-down	20 W	Intel Trusted Execution Technology	✓
Processor base power	28 W	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum turbo power	64 W	Execute Disable Bit	✓
Memory		CPU configuration (max)	1
Internal memory *	16 GB	Embedded options available	✗
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	4800 MHz	Intel Virtualization Technology (VT-x)	✓
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	3
Maximum internal memory *	64 GB	Battery capacity *	54 Wh
Memory channels	Dual-channel	Battery voltage	11.4 V
Storage		Battery recharge time	3 h
Total storage capacity *	512 GB	Battery weight	220 g
Storage media *	SSD	Power	
Total SSDs capacity	512 GB	AC adapter power	130 W
Number of SSDs installed	1	AC adapter frequency	50/60 Hz
SSD capacity	512 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	USB charging voltage	20,5 V
NVMe	✓	USB charging current	6.5 A
SSD form factor	M.2	Security	
SSD performance class	35	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Wedge
Card reader integrated	✓	Smart card reader	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Operational conditions	
Discrete graphics card model *	NVIDIA RTX A500	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card memory	4 GB	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board graphics card model *	Intel Iris Xe Graphics	Operating shock	110 G
Audio		Non-operating shock	160 G
Audio system	MaxxAudio	Operating vibration	0.66 G
Number of built-in speakers	2	Non-operating vibration	1.3 G
Speakers manufacturer	Waves	Weight & dimensions	
Speaker power	2 W	Width	357.8 mm
Built-in microphone	✓	Depth	233.3 mm
Number of microphones	2	Height (front)	2.08 cm
Camera		Height (rear)	2.28 cm
Front camera	✓	Weight *	1.61 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint	327 kg of CO2e
Front camera HD type	Full HD	Total carbon emissions (Standard deviation)	68 kg of CO2e
Video capturing speed	30 fps	Carbon emissions (Manufacturing)	277 kg of CO2e
Infrared (IR) camera	✓	Carbon emissions (Logistics)	12 kg of CO2e
Privacy camera	✓	Carbon emissions (Energy Usage)	36 kg of CO2e
Privacy type	Privacy shutter	Network	
Network		Top Wi-Fi standard *	
Top Wi-Fi standard *		Wi-Fi 6E (802.11ax)	

Network		Carbon footprint	
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 (End-of-Life)	2 kg of CO2e
Mobile network connection *	✘	Total carbon emissions (w/o Use phase)	291 kg of CO2e
Wi-Fi data rate (max)	2400 Mbit/s	PAIA version	1.3.2
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Ethernet LAN	✔		



5397184802748

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