



**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 US International
Grey**

Brand : DELL

Product family: Precision

Product code: 8M3R6

Product name : 3580

DELL Precision 3580. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA RTX A500. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Mobile workstation	Mobile network connection *	✗
Product colour *	Grey	Wi-Fi data rate (max)	2400 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	WWAN	Upgradable
Panel type	IPS	MIMO	✓
LED backlight	✓	MIMO type	Multi User MIMO
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	400 cd/m²	Ethernet LAN (RJ-45) ports	1
Pixel pitch	0.179 x 0.179 mm	HDMI ports quantity *	1
Pixel density	141 ppi	HDMI version	2.0
RGB colour space	sRGB	Thunderbolt 4 ports quantity	2
Colour gamut	100%	Intel® Thunderbolt 4	✓
Display response rise/fall	35 ms	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	800:1	PowerShare	✓
Processor		Number of USB ports with PowerShare support	1
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i7	Pointing device	Touchpad
Processor generation	13th gen Intel® Core™ i7	Numeric keypad *	✓
Processor model *	i7-1360P		
Processor cores	12		

Processor		Keyboard	
Processor threads	16	Keyboard backlit	✓
Processor boost frequency	5 GHz	Keyboard language	US International
Performance cores	4	Software	
Efficient cores	8	Operating system architecture	64-bit
Performance-core Max Turbo Frequency	5 GHz	Operating system language	German, Dutch, English, French, Italian
Efficient-core Max Turbo Frequency	3.7 GHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Processor cache	18 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Bundled software	Windows System Driver
Processor base power	28 W	Battery	
Maximum turbo power	64 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	16 GB	Battery capacity *	54 Wh
Internal memory type	DDR5-SDRAM	Battery voltage	11.4 V
Memory form factor	SO-DIMM	Battery recharge time	3 h
Memory layout (slots x size)	2 x 8 GB	Battery weight	220 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	130 W
Memory data transfer rate	5200 MT/s	AC adapter frequency	50/60 Hz
Non-ECC	✓	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	20,5 V
Total SSDs capacity	512 GB	USB charging current	6.5 A
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Smart card reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
SSD performance class	35	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA RTX A500	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	4 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR6	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✓	Non-operating vibration	1.3 G
On-board graphics card family	Intel Iris Xe Graphics	Weight & dimensions	
On-board graphics card model *	Intel Iris Xe Graphics	Width	357.8 mm
Audio		Depth	233.3 mm
Audio system	MaxxAudio	Height (front)	2.08 cm
Number of built-in speakers	2	Height (rear)	2.28 cm
Speakers manufacturer	Waves	Weight *	1.61 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	327
Number of microphones	2	Total carbon emissions, standard deviation (kg of CO2e)	68
Camera		Carbon emissions, manufacturing (kg of CO2e)	277
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	12
Front camera resolution (numeric)	2.07 MP		
Front camera resolution	1920 x 1080 pixels		
Front camera HD type	Full HD		
Video capturing speed	30 fps		

Camera		Carbon footprint	
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	36
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2
Privacy type	Privacy shutter	Total carbon emissions, w/o use phase (kg of CO2e)	291
Network		PAIA version	1.3.2
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		



5397184849019

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-APR-2025. Prints or copies of Information are only valid on the printed Publication date