



**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: F5PCP

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	MIMO	✓
Panel type	IPS	MIMO type	Multi User MIMO
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m²	HDMI ports quantity *	1
Pixel pitch	0.179 x 0.179 mm	HDMI version	2.0
Pixel density	141 ppi	Thunderbolt 4 ports quantity	2
RGB colour space	NTSC	Intel® Thunderbolt 4	✓
Colour gamut	45%	Combo headphone/mic port	✓
Display response rise/fall	35 ms	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	60 Hz	PowerShare	✓
Contrast ratio (typical)	700:1	Number of USB ports with PowerShare support	1
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	13th gen Intel® Core™ i7		
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	
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	36
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2
Network		Total carbon emissions, w/o use phase (kg of CO2e)	291
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	PAIA version	1.3.2
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		



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