



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: PGVGJ

Product name : 3580

- Windows 11 Pro 64-bit
 - Intel Core i7-1360P (18MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX A500 (4GB GDDR6)
 - 16GB 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 64-bit

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	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	Charging port type	USB Type-C
Contrast ratio (typical)	800:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Power Delivery	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel® Core™ i7	Number of USB ports with PowerShare support	1
Processor generation	13th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-1360P	Pointing device	Touchpad
Processor cores	12		
Processor threads	16		

Processor		Keyboard	
Processor boost frequency	5 GHz	Keyboard language	UK English
Performance cores	4	Numeric keypad *	✓
Efficient cores	8	Keyboard backlit	✓
Performance-core Max Turbo Frequency	5 GHz	Keyboard number of keys	100
Efficient-core Max Turbo Frequency	3.7 GHz	Software	
Processor cache	18 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system language	German, Dutch, English, French, Italian
Processor base power	28 W	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Maximum turbo power	64 W	Operating system installed *	Windows 11 Pro
Memory		Bundled software	Windows System Driver
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	3
Memory layout (slots x size)	2 x 8 GB	Battery capacity *	54 Wh
Memory slots	2x SO-DIMM	Battery voltage	11.4 V
Maximum internal memory *	64 GB	Battery recharge time	3 h
Memory data transfer rate	5200 MT/s	Battery weight	220 g
Non-ECC	✓	Power	
Storage		AC adapter power	130 W
Total storage capacity *	512 GB	AC adapter frequency	50/60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	USB charging voltage	20,5 V
Number of SSDs installed	1	USB charging current	6.5 A
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Smart card reader	✓
SSD performance class	35	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete GPU manufacturer	NVIDIA	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	NVIDIA RTX A500	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card memory	4 GB	Operating altitude	-15.2 - 3048 m
Discrete graphics memory type	GDDR6	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✓	Operating vibration	0.66 G
On-board graphics card family	Intel Iris Xe Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Audio		Width	357.8 mm
Audio system	MaxxAudio	Depth	233.3 mm
Number of built-in speakers	2	Height (front)	2.08 cm
Speakers manufacturer	Waves	Height (rear)	2.28 cm
Speaker power	2 W	Weight *	1.61 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	327
Camera		Total carbon emissions, standard deviation (kg of CO2e)	68
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	277
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	12
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	36
Front camera HD type	Full HD		
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, end-of-life (kg of CO2e)	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)	Total carbon emissions, w/o use phase (kg of CO2e)	291
		PAIA version	1.3.2



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