



**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	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Wi-Fi data rate (max)	2400 Mbit/s
Intel® vPro™ Platform Eligibility	✓	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6E AX211
Display diagonal *	39.6 cm (15.6")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
Panel type	IPS	WWAN	Upgradable
LED backlight	✓	MIMO	✓
Native aspect ratio	16:9	MIMO type	Multi User MIMO
Anti-glare screen	✓	Ports & interfaces	
Display brightness	400 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel pitch	0.179 x 0.179 mm	Ethernet LAN (RJ-45) ports	1
Pixel density	141 ppi	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.0
Colour gamut	100%	Thunderbolt 4 ports quantity	2
Display response rise/fall	35 ms	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	800:1	Charging port type	USB Type-C
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Power Delivery	✓
Processor family *	Intel® Core™ i7	PowerShare	✓
Processor generation	13th gen Intel® Core™ i7	Number of USB ports with PowerShare support	1
Processor model *	i7-1360P		
Processor cores	12		
Processor threads	16		

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

Network

Top Wi-Fi standard * Wi-Fi 6E (802.11ax)

Carbon footprintTotal carbon emissions (w/o Use phase) 291 kg of CO2e
PAIA version 1.3.2



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