



**DELL Precision 3580 i7-1360P Mobile workstation 39.6 cm (15.6") Full HD Intel® Core™ i7 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:** RC86K

**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 i7-1360P Mobile workstation 39.6 cm (15.6") Full HD Intel® Core™ i7 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	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/m <sup>2</sup>	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	Charging port type	USB Type-C
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	700:1	USB Power Delivery	✓
Processor		PowerShare	✓
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	1
Processor generation	13th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-1360P	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Keyboard language	UK English
Processor boost frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.7 GHz		

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

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