



# DELL Precision 3580 Mobile workstation 39.6 cm (15.6") Full HD Intel® Core™ i7 i7-1360P 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: 8RY2X

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 Mobile workstation 39.6 cm (15.6") Full HD Intel® Core™ i7 i7-1360P 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		Camera	
Product type *	Mobile workstation	Front camera HD type	Full HD
Product colour *	Grey	Video capturing speed	30 fps
Form factor *	Clamshell	Privacy camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Wi-Fi data rate (max)	2400 Mbit/s
Panel type	IPS	Antenna type	2x2
LED backlight	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Native aspect ratio	16:9	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN data rates	10,100,1000 Mbit/s
Pixel pitch	0.179 x 0.179 mm	Bluetooth	✓
Pixel density	141 ppi	MIMO	✓
RGB colour space	NTSC	MIMO type	Multi User MIMO
Colour gamut	45%		
Display response rise/fall	35 ms	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	700:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.0
Processor generation	13th gen Intel® Core™ i7	Thunderbolt 4 ports quantity	2
Processor family *	Intel® Core™ i7	Intel® Thunderbolt 4	✓
Processor model *	i7-1360P	Combo headphone/mic port	✓
Processor boost frequency	5 GHz	Charging port type	USB Type-C
Efficient-core Max Turbo Frequency	3.7 GHz		

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



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