DELL

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.

intel iRISxe GRAPHICS   intel CORE i7

Design	
Product type *	Mobile workstation
Product colour *	Grey
Form factor *	Clamshell
Intel® vPro™ Platform Eligibility	✓

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:9
Anti-glare screen	✓
Display brightness	250 cd/m²
Pixel pitch	0.179 x 0.179 mm
Pixel density	141 ppi
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	35 ms
Maximum refresh rate	60 Hz
Contrast ratio (typical)	700:1

Processor	
Processor manufacturer *	Intel
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-1360P
Processor family *	Intel® Core™ i7
Processor boost frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz

Network	
Mobile network connection *	✘
Wi-Fi data rate (max)	2400 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
MIMO	✓
MIMO type	Multi User MIMO

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
PowerShare	✓
Number of USB ports with PowerShare support	1

Keyboard	
Pointing device	Touchpad
Keyboard language	UK English

Processor

Performance-core Max Turbo Frequency	5 GHz
Processor cores	12
Processor cache	18 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W
Processor base power	28 W
Maximum turbo power	64 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
SSD performance class	35
Optical drive type *	✖
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA RTX A500
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel Iris Xe Graphics
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6

Audio

Audio system	MaxxAudio
Number of built-in speakers	2
Speakers manufacturer	Waves
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
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

Network

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)

Keyboard

Numeric keypad *	✔
Keyboard backlit	✔

Software

Operating system language	German, Dutch, English, French, Italian
Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✖
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	54 Wh
Battery voltage	11.4 V
Battery recharge time	3 h
Battery weight	220 g

Power

AC adapter power	130 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB charging voltage	20,5 V
USB charging current	6.5 A

Security

Cable lock slot	✔
Cable lock slot type	Wedge
Smart card reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions

Width	357.8 mm
Depth	233.3 mm
Height (front)	2.08 cm
Height (rear)	2.28 cm
Weight *	1.61 kg