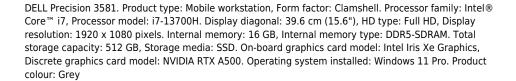


DELL Precision 3581 Intel® Core™ i7 i7-13700H Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro US International Grey

Brand : DELL Product family: Precision Product code: F2WP9

Product name: 3581







Design		Network	
Product type * Product colour * Form factor * Market positioning	Mobile workstation Grey Clamshell Business	Antenna type WLAN controller model WLAN controller manufacturer Ethernet LAN	2x2 Intel Wi-Fi 6E AX211 Intel
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal * Display resolution *	39.6 cm (15.6") 1920 x 1080 pixels	Bluetooth Ports & interfaces	✓
Touchscreen * HD type	X Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.0
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display brightness	400 cd/m ²	Intel® Thunderbolt 4	✓
Pixel density	141 ppi	Combo headphone/mic port	✓
RGB colour space Colour gamut	sRGB 100%	USB Type-C DisplayPort Alternate Mode	1
Maximum refresh rate	60 Hz	PowerShare	✓
Contrast ratio (typical)	800:1	Number of USB ports with PowerShare support	1
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard backlit	√
Processor model * Processor cores	i7-13700H 14	Keyboard language	US International
Processor boost frequency	5 GHz	Software	222
Performance cores	6		
Efficient cores	8	Operating system architecture	64-bit

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Processor		Software	Cormon Dukok Facilist Frank
Performance-core Max Turbo Frequency	5 GHz	Operating system language	German, Dutch, English, French, Italian
Efficient-core Max Turbo Frequency	3.7 GHz	Trial software	No Microsoft Office License Included
Processor cache	24 MB	Operating system installed *	30 day Trial Offer Only Windows 11 Pro
Processor cache type Processor base power	Smart Cache 45 W	Battery	Willdows 11 110
Maximum turbo power	115 W	Battery technology	Lithium-lon (Li-lon)
Memory		Number of battery cells	4
Internal memory *	16 GB	Battery capacity *	64 Wh
Internal memory type	DDR5-SDRAM	Battery voltage	15.2 V
Memory form factor	SO-DIMM	Battery recharge time	3 h
Memory layout (slots x size)	1 x 16 GB	Fast charging	1
Memory slots	2x SO-DIMM	Battery weight	280 g
Maximum internal memory * Memory data transfer rate	64 GB 4800 MT/s	Power	
Non-ECC	4000 M1/3	AC adapter power	130 W
	•	AC adapter frequency	50/60 Hz
Storage	512 CD	AC adapter input voltage USB Type-C charging port *	100 - 240 V ✓
Total storage capacity * Storage media *	512 GB SSD	USB Power Delivery (USB PD)	√
Total SSDs capacity	512 GB	USB charging voltage	20,5,9,15 V
Number of SSDs installed	1	Security	20,3,3,13 (
SSD capacity	512 GB	•	
SSD interface	PCI Express 4.0	Cable lock slot Cable lock slot type	✓ Wedge
NVMe	V	Smart card reader	vveuge ✓
SSD form factor	M.2	Trusted Platform Module (TPM)	· /
SSD performance class Optical drive type *	35	Trusted Platform Module (TPM)	
Optical drive type * Card reader integrated	×	version	2.0
	^	Operational conditions	
Graphics	ANAIDIA RTV AFOO	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model * Discrete graphics card memory	NVIDIA RTX A500 4 GB	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H) Storage relative humidity (H-H)	10 - 90% 0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✓	Operating shock	110 G
On-board graphics card family	Intel Iris Xe Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel Iris Xe Graphics	Operating vibration	0.66 G
Audio		Non-operating vibration	1.3 G
Audio system	MaxxAudio	Weight & dimensions	
Number of built-in speakers	2	Width	357.8 mm
Speakers manufacturer Speaker power	Waves 2 W	Depth Height (front)	233.3 mm 2.27 cm
Built-in microphone	✓	Height (rear)	2.47 cm
Number of microphones	2	Weight *	1.79 kg
Camera		Carbon footprint	
Front camera	/	Total carbon footprint (kg of CO2e)	343
Front camera resolution (numeric)	2.07 MP	Total carbon emissions, standard	70
Front camera resolution	1920 x 1080 pixels	deviation (kg of CO2e) Carbon emissions, manufacturing	
Front camera HD type	Full HD	(kg of CO2e)	294
Video capturing speed	30 fps	Carbon emissions, logistics (kg of	13
Infrared (IR) camera	✓	CO2e) Carbon emissions, energy usage (kg	
Privacy camera	Prince of the control	of CO2e)	34
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of	2
Network		CO2e) Total carbon emissions, w/o use	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	phase (kg of CO2e)	309
		PAIA version	1.3.2

NetworkPackaging contentWi-Fi 5 (802.11ac), 802.11b,
Wi-Fi standardsCables includedAC802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E
(802.11ax)AC

Mobile network connection *



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