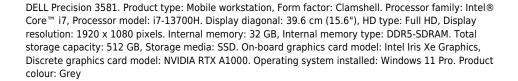


DELL Precision 3581 Intel® Core™ i7 i7-13700H Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: JJJ59

Product name: 3581











Design		Network	
Product type * Product colour * Form factor * Market positioning	Mobile workstation Grey Clamshell Business	Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer	x 2x2 Intel Wi-Fi 6E AX211 Intel
Display		Ethernet LAN	✓
Display diagonal * Display resolution *	39.6 cm (15.6") 1920 x 1080 pixels	Ethernet LAN data rates Bluetooth	10,100,1000 Mbit/s
Touchscreen *	×	Ports & interfaces	
HD type Panel type	Full HD IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	V	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.0
Display brightness	400 cd/m²	Thunderbolt 4 ports quantity	2
Pixel density	141 ppi	Intel® Thunderbolt 4	✓
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	100%	Charging port type	USB Type-C
Maximum refresh rate Contrast ratio (typical)	60 Hz 800:1	USB Type-C DisplayPort Alternate Mode	✓
	800.1	USB Power Delivery	✓
Processor		PowerShare	✓
Processor manufacturer * Processor family *	Intel Intel® Core™ i7	Number of USB ports with PowerShare support	1
Processor generation	13th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-13700H	Pointing device	Touchpad
Processor cores	14	Keyboard language	German
Processor boost frequency	5 GHz	Numeric keypad *	✓
Performance cores	6	Keyboard backlit	✓
Efficient cores	8		

Processor		Software	
			64-bit
Performance-core Max Turbo Frequency	5 GHz	Operating system architecture	German, Dutch, English, French,
Efficient-core Max Turbo Frequency	3.7 GHz	Operating system language	Italian
Processor cache	24 MB	Trial software	No Microsoft Office License Included
Processor cache type	Smart Cache		30 day Trial Offer Only
Processor base power	45 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	115 W	Battery	
Memory		Battery technology	Lithium-lon (Li-lon)
Internal memory *	32 GB	Number of battery cells	4
Internal memory type	DDR5-SDRAM	Battery capacity *	64 Wh 15.2 V
Memory form factor	SO-DIMM	Battery voltage Battery recharge time	3 h
Memory layout (slots x size)	2 x 16 GB	Fast charging	√
Memory slots Maximum internal memory *	2x SO-DIMM 64 GB	Battery weight	280 g
Memory data transfer rate	4800 MT/s	Power	
Non-ECC	v	AC adapter power	130 W
Storage		AC adapter frequency	50/60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB charging voltage	20,5,9,15 V
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	1
SSD capacity	512 GB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Smart card reader	V
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	2.0
SSD performance class	35	version	
Optical drive type * Card reader integrated	X X	Operational conditions	
-		Operating temperature (T-T)	0 - 35 °C
Graphics	AN /IDIA DTV A1000	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model * Discrete graphics card memory	NVIDIA RTX A1000 6 GB	Operating relative humidity (H-H) Storage relative humidity (H-H)	10 - 90% 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 *	1	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)	2.27 cm
Speaker power	2 W	Height (rear)	2.47 cm
Built-in microphone Number of microphones	2	Weight *	1.79 kg
·		Carbon footprint	
Camera	,	Total carbon footprint	343 kg of CO2e
Front camera Front camera resolution (numeric)	✓ 2.07 MP	Total carbon emissions (Standard deviation)	70 kg of CO2e
Front camera resolution	1920 x 1080 pixels	Carbon emissions (Manufacturing)	294 kg of CO2e
Front camera HD type	Full HD	Carbon emissions (Logistics)	13 kg of CO2e
Video capturing speed	30 fps	Carbon emissions (Energy Usage)	34 kg of CO2e
Infrared (IR) camera	✓	Carbon emissions (End-of-Life)	2 kg of CO2e
Privacy camera	1	Total carbon emissions (w/o Use phase)	309 kg of CO2e
Privacy type	Privacy shutter	PAIA version	1.3.2
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Cables included	AC
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E	Sabies included	
WETT Standards	(802.11ax)		



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