



**DELL Precision 3581 Mobile workstation 39.6 cm (15.6") Full HD
Intel® Core™ i7 i7-13700H 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

DELL Precision 3581. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA RTX A1000. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Mobile workstation	Mobile network connection *	✗
Product colour *	Grey	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6E AX211
Market positioning	Business	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	39.6 cm (15.6")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Ports & interfaces	
HD type	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	sRGB	Charging port type	USB Type-C
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	60 Hz	USB Power Delivery	✓
Contrast ratio (typical)	800:1	PowerShare	✓
Processor		Number of USB ports with PowerShare support	1
Processor manufacturer *	Intel	Keyboard	
Processor generation	13th gen Intel® Core™ i7	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Keyboard language	German
Processor model *	i7-13700H	Numeric keypad *	✓
Processor boost frequency	5 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.7 GHz		
Performance-core Max Turbo Frequency	5 GHz		

Processor		Software	
Processor cores	14	Operating system architecture	64-bit
Performance cores	6	Operating system language	German, Dutch, English, French, Italian
Efficient cores	8	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Processor cache	24 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Battery	
Processor base power	45 W	Battery technology	Lithium-Ion (Li-Ion)
Maximum turbo power	115 W	Number of battery cells	4
Memory		Battery capacity *	64 Wh
Internal memory *	32 GB	Battery voltage	15.2 V
Internal memory type	DDR5-SDRAM	Battery recharge time	3 h
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 16 GB	Battery weight	280 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	130 W
Memory data transfer rate	4800 MT/s	AC adapter frequency	50/60 Hz
Non-ECC	✓	AC adapter input voltage	100 - 240 V
Storage		USB charging voltage	20,5,9,15 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Smart card reader	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
SSD performance class	35	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✗	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	NVIDIA RTX A1000	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✓	Operating vibration	0.66 G
On-board graphics card family	Intel Iris Xe Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Discrete graphics card memory	6 GB	Width	357.8 mm
Discrete graphics memory type	GDDR6	Depth	233.3 mm
Audio		Height (front)	2.27 cm
Audio system	MaxxAudio	Height (rear)	2.47 cm
Number of built-in speakers	2	Weight *	1.79 kg
Speakers manufacturer	Waves	Carbon footprint	
Speaker power	2 W	Total carbon footprint	343 kg of CO2e
Built-in microphone	✓	Total carbon emissions (Standard deviation)	70 kg of CO2e
Number of microphones	2	Carbon emissions (Manufacturing)	294 kg of CO2e
Camera		Carbon emissions (Logistics)	13 kg of CO2e
Front camera	✓	Carbon emissions (Use)	34 kg of CO2e
Front camera resolution (numeric)	2.07 MP	Carbon emissions (End-of-Life)	2 kg of CO2e
Front camera resolution	1920 x 1080 pixels	Total carbon emissions (w/o Use phase)	309 kg of CO2e
Front camera HD type	Full HD	PAIA version	1.3.2
Video capturing speed	30 fps	Packaging content	
Infrared (IR) camera	✓	Cables included	AC
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		



5397184849606

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 26-MAR-2024. Prints or copies of Information are only valid on the printed Publication date