



DELL Precision 3591 Intel Core Ultra 7 165H Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: T7RCD

Product name : 3591

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 165H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX 2000 Ada (8GB GDDR6)
- 32GB DDR5-SDRAM (1 x 32) & 1000GB SSD

Intel Core Ultra 7 165H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Arc Graphics, NVIDIA RTX 2000 Ada (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Precision 3591 Intel Core Ultra 7 165H Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:

Extraordinary performance. AI at your fingertips.

Intelligently optimised and high performing, the Precision 3591 is a powerful entry-level workstation for design and creative applications.



Design		Camera	
Product type *	Mobile workstation	Video capturing speed	30 fps
Product colour *	Grey	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Market positioning	Business	Network	
Intel® vPro™ Platform Eligibility	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display diagonal *	39.6 cm (15.6")	Mobile network connection *	✗
Display resolution *	1920 x 1080 pixels	Wi-Fi data rate (max)	2400 Mbit/s
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	IPS	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	400 cd/m ²	WWAN	Upgradable
Pixel density	141 ppi	MIMO	✓
RGB colour space	sRGB	MIMO type	Multi User MIMO
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	800:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	2
Processor generation	Intel® Core™ Ultra (Series 1)	Intel® Thunderbolt 4	✓
Processor model *	165H	Combo headphone/mic port	✓
Processor cores	16	Charging port type	USB Type-C
Processor threads	22		
Processor boost frequency	5 GHz		

Processor		Ports & interfaces	
Performance cores	6	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	USB Power Delivery	✓
Low Power Efficient-cores	2	PowerShare	✓
Performance-core Max Turbo Frequency	5 GHz	Number of USB ports with PowerShare support	1
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	1.4 GHz	Keyboard language	UK English
Efficient-core base frequency	0.9 GHz	Numeric keypad *	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard number of keys	100
Processor cache type	Smart Cache	Software	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Operating system language	German, Dutch, English, French, Italian
Neural processor unit (NPU)		Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Maximum frequency NPU	1.4 GHz	Battery	
Sparsity support	✓	Number of battery cells	4
Windows Studio effects support	✓	Battery capacity *	64 Wh
AI datatype support on NPU	FP16, FP32, Int8	Battery voltage	15.2 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery recharge time	3 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery charge indicator	✓
Internal memory type	DDR5-SDRAM	Battery weight	280 g
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	1 x 32 GB	AC adapter power	130 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	USB charging voltage	5,20 V
Non-ECC	✓	Security	
Storage		Cable lock slot	✓
Total storage capacity *	1 TB	Cable lock slot type	Wedge
Storage media *	SSD	Smart card reader	✓
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	1 TB	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	10 - 90%
SSD performance class	40	Storage relative humidity (H-H)	0 - 95%
M.2 SSD size	2280 (22 x 80 mm)	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Card reader integrated	✓	Operating shock	110 G
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Non-operating shock	160 G
Graphics		Operating vibration	0.66 G
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Non-operating vibration	1.3 G
Discrete graphics card memory	8 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	357.8 mm
On-board graphics card family	Intel Arc Graphics	Depth	233.3 mm
On-board graphics card model *	Intel Arc Graphics	Height (front)	2.27 cm
Audio		Height (rear)	2.47 cm
Number of built-in speakers	2		

Audio		Weight & dimensions	
Speakers manufacturer	Waves	Weight *	1.79 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	120
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	84
Camera		Carbon emissions, logistics (kg of CO2e)	5
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	31
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	1
Front camera resolution	1920 x 1080 pixels	Total carbon emissions, w/o use phase (kg of CO2e)	89
Front camera HD type	Full HD	PAIA version	GaBi verison1
		Packaging content	
		Cables included	AC



5397184807507

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