



## DELL Precision 3591 Intel Core Ultra 9 185H 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: K16TP

Product name : 3591

- Windows 11 Pro 64-bit
- Intel Core Ultra 9 185H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX 2000 Ada (8GB GDDR6)
- 32GB DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 9 185H (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

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DELL Precision 3591. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA RTX 2000 Ada. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Audio	
Product type *	Mobile workstation	Speaker power	2 W
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Market positioning	Business	Camera	
Display		Front camera	✓
Display diagonal *	39.6 cm (15.6")	Front camera resolution (numeric)	2.07 MP
Display resolution *	1920 x 1080 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	Full HD	Video capturing speed	30 fps
Panel type	IPS	Privacy camera	✓
LED backlight	✓	Privacy type	Privacy shutter
Native aspect ratio	16:9	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	250 cd/m <sup>2</sup>	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Pixel density	141 ppi	Mobile network connection *	✗
RGB colour space	NTSC	Antenna type	2x2
Colour gamut	45%	WLAN controller model	Intel Wi-Fi 6E AX211
Maximum refresh rate	60 Hz	WLAN controller manufacturer	Intel
Contrast ratio (typical)	700:1	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation	Intel® Core™ Ultra (Series 1)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	185H	Ethernet LAN (RJ-45) ports	1
Processor threads	22		
Processor boost frequency	5.1 GHz		
Performance cores	6		
Efficient cores	8		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Low Power Efficient-cores	2	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.1 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.8 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.3 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Base Frequency	1000 MHz	PowerShare	✓
Processor cache	24 MB	Number of USB ports with PowerShare support	1
Processor cache type	Smart Cache	<b>Keyboard</b>	
Processor base power	45 W	Pointing device	Touchpad
Maximum turbo power	115 W	Numeric keypad *	✓
<b>Neural processor unit (NPU)</b>		<b>Software</b>	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Maximum frequency NPU	1.4 GHz	Operating system installed *	Windows 11 Pro
Sparsity support	✓	<b>Battery</b>	
Windows Studio effects support	✓	Number of battery cells	4
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery capacity *	64 Wh
<b>Memory</b>		Battery voltage	15.2 V
Internal memory *	32 GB	Battery recharge time	3 h
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory form factor	SO-DIMM	Battery charge indicator	✓
Memory slots	2x SO-DIMM	Battery weight	280 g
Maximum internal memory *	64 GB	<b>Power</b>	
Memory data transfer rate	5600 MT/s	AC adapter power	130 W
<b>Storage</b>		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,20 V
SSD capacity	1 TB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	<b>Operational conditions</b>	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating temperature (T-T)	0 - 35 °C
<b>Graphics</b>		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	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 *	✓	Non-operating shock	160 G
On-board graphics card family	Intel Arc Graphics	Operating vibration	0.66 G
On-board graphics card model *	Intel Arc Graphics	Non-operating vibration	1.3 G
<b>Audio</b>		<b>Sustainability</b>	
Number of built-in speakers	2	Sustainability certificates	ENERGY STAR, TCO
Speakers manufacturer	Waves	<b>Weight &amp; dimensions</b>	
		Width	357.8 mm
		Depth	233.3 mm
		Height (front)	2.27 cm
		Height (rear)	2.47 cm
		Weight *	1.79 kg

**Packaging content**

Cables included AC



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