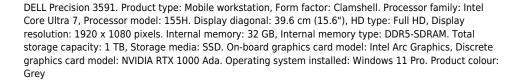


DELL Precision 3591 Intel Core Ultra 7 155H Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 1000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: 11VP7

Product name: 3591







Design		Camera	
Product type * Product colour * Form factor * Market positioning Intel® vPro™ Platform Eligibility	Mobile workstation Grey Clamshell Business	Front camera HD type Video capturing speed Privacy camera Privacy type Network	Full HD 30 fps Privacy shutter
Display Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness Pixel density RGB colour space	39.6 cm (15.6") 1920 x 1080 pixels X Full HD IPS 16:9 400 cd/m² 141 ppi sRGB	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Wi-Fi data rate (max) Antenna type WLAN controller model WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth	Wi-Fi 6E (802.11ax) Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) x 2400 Mbit/s 2x2 Intel Wi-Fi 6E AX211 Intel 10,100,1000 Mbit/s
Colour gamut Maximum refresh rate	100% 60 Hz	MIMO Ports & interfaces	✓
Contrast ratio (typical) Processor	800:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads	Intel Intel Core Ultra 7 Intel® Core™ Ultra (Series 1) 155H 16 22	Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Charging port type	1 1 2.1 2 ✓ ✓ USB Type-C

Processor		Ports & interfaces	
Processor boost frequency	4.8 GHz	USB Type-C DisplayPort Alternate	✓
Performance cores	6	Mode	
Efficient cores	8	PowerShare	✓
Low Power Efficient-cores	2	Number of USB ports with PowerShare support	1
Performance-core Max Turbo Frequency	4.8 GHz	Keyboard	
Efficient-core Max Turbo Frequency	3.8 GHz		To the said
Low Power Efficient-core Max Turbo	2.5 GHz	Pointing device	Touchpad Nordic
Frequency	2.3 GHZ	Keyboard language Numeric keypad *	Nordic 🗸
Performance-core base frequency	1.4 GHz	•	
Efficient-core base frequency	0.9 GHz	Keyboard backlit	100
Low Power Efficient-core Base Frequency	700 MHz	Keyboard number of keys	100
Processor cache	24 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	28 W	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Maximum turbo power	115 W		No Microsoft Office License Included
Neural processor unit (NPU)		Trial software	30 day Trial Offer Only
Neural processor unit (NPU)	Intel Al 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
Al datatype support on NPU	FP16, FP32, Int8	Battery voltage	15.2 V
Al software frameworks supported	DirectML, ONNX RT, OpenVINO,	Battery recharge time	3 h
by NPU	Windows ML	Fast charging	✓
Memory		Battery charge indicator	✓
Internal memory *	32 GB	Battery weight	280 g
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	130 W
Memory layout (slots x size)	1 x 32 GB	AC adapter frequency	50 - 60 Hz
Memory slots Maximum internal memory *	2x SO-DIMM 64 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	USB Power Delivery (USB PD) *	✓
Non-ECC	✓	USB charging voltage	5,20 V
Storage		Security	
3	1 TB	Cable lock slot	✓
Total storage capacity * Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	1 TB	Smart card reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Trusted Platform Module (TPM)	2.0
SSD interface	PCI Express 4.0	version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
SSD performance class	40	Storage temperature (T-T)	-40 - 65 °C
M.2 SSD size	2280 (22 x 80 mm)	Operating relative humidity (H-H)	10 - 90%
Optical drive type *	X	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✓	Operating altitude	-15.2 - 3048 m
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Non-operating altitude Operating shock	-15.2 - 10668 m 110 G
Graphics		Non-operating shock	160 G
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Operating vibration Non-operating vibration	0.66 G 1.3 G
Discrete graphics card memory	6 GB		1.5 0
Discrete graphics memory type	GDDR6	Sustainability	
On-board graphics card *	✓	Sustainability compliance	/
On-board GPU manufacturer	Intel	Sustainability certificates	ENERGY STAR, TCO
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	Intel Arc Graphics	Width	357.8 mm
On-board graphics card model *	Intel Arc Graphics		

Audio		Weight & dimensions	
Number of built-in speakers Speakers manufacturer Speaker power	2 Waves 2 W ✓	Height (front) Height (rear) Weight *	2.27 cm 2.47 cm 1.79 kg
Built-in microphone		Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	120
Camera		Carbon emissions, manufacturing (kg of CO2e)	84
Front camera Front camera resolution (numeric) Front camera resolution	2.07 MP 1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	5
		Carbon emissions, energy usage (kg of CO2e)	31
		Carbon emissions, end-of-life (kg of CO2e)	1
		Total carbon emissions, w/o use phase (kg of CO2e)	89
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC



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