



DELL Precision 3591 Intel Core Ultra 7 155H Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 1000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: YTKJ1

Product name : 3591

DELL Precision 3591. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA RTX 1000 Ada. Operating system installed: Windows 11 Pro. Product colour: Grey



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 *	155H	Combo headphone/mic port	✓
Processor cores	16		
Processor threads	22		

Processor		Ports & interfaces	
Processor boost frequency	4.8 GHz	Charging port type	USB Type-C
Performance cores	6	USB Type-C DisplayPort Alternate 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	Pointing device	Touchpad
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard language	Nordic
Performance-core base frequency	1.4 GHz	Numeric keypad *	✓
Efficient-core base frequency	0.9 GHz	Keyboard backlit	✓
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	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Battery	
Maximum frequency NPU	1.4 GHz	Number of battery cells	4
Sparsity support	✓	Battery capacity *	64 Wh
Windows Studio effects support	✓	Battery voltage	15.2 V
AI datatype support on NPU	FP16, FP32, Int8	Battery recharge time	3 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
Memory		Battery charge indicator	✓
Internal memory *	16 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 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	USB Power Delivery (USB PD) *	✓
Memory data transfer rate	5600 MT/s	USB charging voltage	5,20 V
Non-ECC	✓	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Wedge
Storage media *	SSD	Smart card reader	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	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	35	Storage relative humidity (H-H)	0 - 95%
M.2 SSD size	2230 (22 x 30 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 1000 Ada	Non-operating vibration	1.3 G
Discrete graphics card memory	6 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		
On-board graphics card model *	Intel Arc Graphics		

Audio		Weight & dimensions	
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	✓	Weight *	1.79 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	120
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	84
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	5
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	31
Front camera HD type	Full HD	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



5397184813607

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