



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: 3HXWJ

Product name : 3591

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 155H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX 1000 Ada (6GB GDDR6)
- 32GB DDR5-SDRAM (1 x 32) & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Arc Graphics, NVIDIA RTX 1000 Ada (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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:

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	Privacy camera	✓
Product colour *	Grey	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Market positioning	Business	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	Charging port type	USB Type-C
Processor threads	22		
Processor boost frequency	4.8 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2	USB Power Delivery	✓
Performance-core Max Turbo Frequency	4.8 GHz	PowerShare	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Number of USB ports with PowerShare support	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard	
Performance-core base frequency	1.4 GHz	Pointing device	Touchpad
Efficient-core base frequency	0.9 GHz	Keyboard language	UK English
Low Power Efficient-core Base Frequency	700 MHz	Numeric keypad *	✓
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Keyboard number of keys	100
Processor base power	28 W	Software	
Maximum turbo power	115 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system language	German, Dutch, English, French, Italian
Neural processor unit (NPU)	Intel AI Boost	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Maximum frequency NPU	1.4 GHz	Operating system installed *	Windows 11 Pro
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Number of battery cells	4
AI datatype support on NPU	FP16, FP32, Int8	Battery capacity *	64 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery voltage	15.2 V
Memory		Battery recharge time	3 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery charge indicator	✓
Memory form factor	SO-DIMM	Battery weight	280 g
Memory layout (slots x size)	1 x 32 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	130 W
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB charging voltage	5,20 V
Storage		Security	
Total storage capacity *	1 TB	Cable lock slot	✓
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) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
SSD performance class	40	Operating relative humidity (H-H)	10 - 90%
M.2 SSD size	2280 (22 x 80 mm)	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Card reader integrated	✓	Non-operating altitude	-15.2 - 10668 m
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating shock	110 G
Graphics		Non-operating shock	160 G
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Operating vibration	0.66 G
Discrete graphics card memory	6 GB	Non-operating vibration	1.3 G
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	Depth	233.3 mm
Audio		Height (front)	2.27 cm
Number of built-in speakers	2	Height (rear)	2.47 cm
Speakers manufacturer	Waves		

Audio		Weight & dimensions	
Speaker power	2 W	Weight *	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	✓	Carbon emissions, logistics (kg of CO2e)	5
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	31
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	1
Front camera HD type	Full HD	Total carbon emissions, w/o use phase (kg of CO2e)	89
Video capturing speed	30 fps	PAIA version	GaBi verison1
		Packaging content	
		Cables included	AC



5397184774168

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