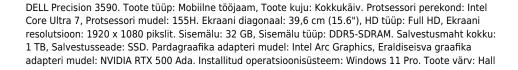


DELL Precision 3590 Intel Core Ultra 7 155H Mobiilne tööjaam 39,6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 500 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Hall

Brand : DELL Product code: N014P3590EMEA_VP

Product name: Precision 3590







Design		Camera	
Product type * Product colour * Form factor * Market positioning	Mobile workstation Grey Clamshell Business	Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed	2.07 MP 1920 x 1080 pixels Full HD 30 fps
Display		Privacy camera	✓
Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness Pixel density Display diagonal (metric)	39.6 cm (15.6") 1920 x 1080 pixels	Privacy type Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Wi-Fi data rate (max) Antenna type WLAN controller model WLAN controller manufacturer	Wi-Fi 6E (802.11ax) 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) 2400 Mbit/s 2x2 Intel Wi-Fi 6E AX211 Intel
RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical)	NTSC 45% 60 Hz 700:1	Ethernet LAN Ethernet LAN data rates Bluetooth Ports & interfaces	10,100,1000 Mbit/s
Processor Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency	Intel Intel Core Ultra 7 Intel® Core™ Ultra (Series 1) 155H 16 22 4.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port	2 1 1 2.1 2

Processor Ports interfaces 6 Charging port type USB Type-C USB Type-C Efficient cores 8 USB Type-C DisplayPort Alternate Acceptable ✓ Low Power Efficient-cores 2 Moder Stare ✓ Efficient core Max Turbo Frequency 3.6 GHz Performance Intel® SOC Efficient core base frequency 1.4 GHz Ambient light sensor ✓ Efficient, core base frequency 1.4 GHz Ambient light sensor ✓ Efficient, core base frequency 1.4 GHz Apriling device Touchpad Efficient, core base frequency 1.4 GHz Apriling device Touchpad Processor cache type Smart Cache Software Software Processor cache type Smart Cache Software Microsoft Diffice Trial McAce intellectual i				
Efficient cores 8 USB Type-C DisplayPort Alternale Love Deverage The Control of Programme Core Max Turbs 4 8 GHz Poershare V Efficient core Max Turbs 4 8 GHz Performance V Efficient core Max Turbs Frequency 3 5 GHz Methodor of chipset Intel SOC Efficient core base frequency 1 4 GHz Methodor of chipset Touchpad Efficient core base frequency 1 4 GHz Poerlang sevice Touchpad Efficient core base frequency 20 GHz Polling device Touchpad Efficient core base frequency 24 MB Keyboard V Processor cache type 50 MHz Nameric keypad* V Processor cache type 50 Mtache Software Defeating system architecture 64-bit Noural processor unit (NPU) Intel A Boest Operating system architecture Microsoft Office Trial, McAfee Noural processor unit (NPU) Intel A GHz Battery Mindows Studio effects support 1 L GHz Battery Windows Studio effects support 1 L GHz Battery Monory Studio Scope Stand <t< td=""><td>Processor</td><td></td><td>Ports & interfaces</td><td></td></t<>	Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Performance Cember Max Turbo Frequency 3.8 GHz Performance Cember Max Turbo Frequency 3.8 GHz Performance Cember Max Turbo Frequency 3.5 GHz Performance Cember Max Turbo Frequency 3.6 GHz Performance Cember Max Turbo 3.6 GHz Performance Cember Max Turbo 9.0 GHz Performance Cember Max Turbo 9.0 GHz Performance Cember Max Turbo 9.0 GHz Performance Cember Max Turbo	Performance cores	6	Charging port type	USB Type-C
Power Share Power Power Power Power Power Power Power Power	Efficient cores	8		/
Frequency		2		
Efficiency core Max Turbo Frequency 3,8 GHz Motherboard chipset Intel SoC Frequency 2,5 GHz Ambient light sensor * Efficienc core base frequency 1,4 GHz Kybbad * Efficienc core base frequency 700 MHz Numeric keypoat* * Processor cache 24 MB Kybbard bacitit * Processor cache type 5 mart Cache Software 64-bit Processor cache type 15 W Operating system architecture 64-bit Neural processor unit (NPU) Intel Al Boost Operating system installed* Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed* Windows 11 Pro Naminar frequency NPU 1,4 GHz Battery Mindows 11 Pro Windows Studio effects support 4 Battery 1,14 V Windows Studio effects support 5 P16, FP23, Int8 Battery cytologe 1,14 V Memory 1 14 GHz Hyan (Studies Studies) A Gattery voltage 1,14 V Memory 1 15 Windows Nt. T. Open (No. Mark) Battery cytologe <td< td=""><td></td><td>4.8 GHz</td><td></td><td>*</td></td<>		4.8 GHz		*
	Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-care base frequency 1.4 GHz Keyboard Efficient-core Base 700 MHz Pointing device Touchpad Processor cache 24 MB Keyboard backlit ✓ Processor cache type Smart Cache Software ✓ Processor cache type 38 W Software 64-bit Processor cache type 28 W Operating system architecture 64-bit Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Nachtrager of Spatial (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Windows Studio effects support * Power Windows Studio effects support on NPU FP16, FP32, Int8 Battery verbarge time 4 h A deathpate proper 10 D C Spatial (Spatial Controlled C		2.5 GHz	•	
Efficiency core base frequency 0.9 GHz Pointing device Touchpad Low Power Efficiency Frequency 700 MHz Numeric keypad* Y Processor cache 24 MB Keyboard backtit Y Processor cache bype Smat Cache Software Processor processor base power 28 W Operating system architecture 64-bit Maximum frequency RPU Intel Al Boost Operating system installed Windows Office Trial, McAfee Business Protection 1-year Mindows Studio effects support / Number of battery cells 3 Al dastaype support on NPU 1.4 GHz Battery 11.4 V Al dastaype support on NPU PF16. FP32. Ints Battery rechange time 4 In Al dastaype support on NPU PF16. FP32. Ints Battery rechange time 4 In Al dastaype support on NPU PF16. FP32. Ints Battery rechange time 4 In Memory June Call Maximum interned memory 22 GB AC adapter input votage 11 Un Memory support DDR S-SDRAM AC adapter input votage 100 - 240 V Memory data transfer rate	Performance-core base frequency	1.4 GHz	Voyboard	
DOW Processor cache Proces	Efficient-core base frequency	0.9 GHz		Taurahaad
Processor cache type Smart Cache Software Processor base power 28 W Operating system architecture 64 bit Maximum turbo power 115 W Tral software Microsoft Office Trial, McAfee Business Protection 1-year Neural processor unit (NPU) 1.4 GHz Battery Windows 11 Pro Neural processor unit (NPU) 1.4 GHz Battery 3 Windows Studio effects support ✓ Battery voltage 1.1.4 V Al datatype support on NPU FP16, FP32, int8 Battery voltage 1.1.4 V Al software frameworks supported by NPU DirectML, ONNX RT, OpenVINO, Windows ML Power V Memory 3 2 GB Stack charging ✓ V Internal memory* 3 2 GB Ac adapter power 130 W No Memory form factor SO.DIMM AC adapter input voltage 100 ~240 V V Memory solts x x 15 GB Security V V V Memory solts x x 15 GB Security V V V V V V V		700 MHz	•	•
Processor base power 28 W Software 64-bit 46-bit Maximum turbo power 64-bit 64-bit 64-bit Maximum turbo power 64-bit Maximum turbo power 64-bit Maximum turbo power Minimum turbo power 64-bit Maximum turbo power Minimum turbo power Minim	Processor cache	24 MB	Keyboard backlit	✓
Processor base power 28 W Operating system architecture 64-bit Maximum turbo power 61-bit Maximum processor unit (NPU) Intel al Boost Operating system installed ** Microsot Office Trial, McAfee Business Protection 1-year Business Protection 1-year Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro All Software frameworks stupported by NPU FP16, FP32, Int8 Battery voltage 1.1 A V Al software frameworks supported by NPU PP16, FP32, Int8 Battery voltage 1.1 A V Memory by NPU DBS-SDRAM AC adapter proper 4 h AC adapter proper Internal memory y- by NPU DDBS-SDRAM AC adapter input voltage 130 W Memory slots size) 2 G G AC adapter proper 130 W Memory slots size) 2 X 5 O-DIMM AC adapter input voltage 100 -240 V Maximum internal memory ** 64 G8 Cable lock slot / Maximum internal memory ** 1 TB Smart card reader / Storage 1 TB	Processor cache type	Smart Cache	Software	
Maximum furbo power 15 w Frial software Sushies protection 1-year Neural processor unit (NPU) Intel Al Boost Operating system installed Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed Windows 11 Pro Neural processor unit (NPU) Intel Al Boost Operating system installed Windows 11 Pro Neural processor unit (NPU) Askimum frequency, NPU 1.4 Chiz Sattery voltage 11.4 V Al Chiz Sattery voltage 11.4 V Al Chiz Sattery power 1.4 V Al Chiz Sattery power 1.4 V Satch arging Al Software frameworks support on NPU PF16, FP32, Int8 Battery voltage 11.4 V Al Chiz Sattery excharge time 4 h Al Software frameworks support on NPU Nindows Mt. RT, OpenVINO, Windows Mt.	Processor base power	28 W		64-bit
Neural processor unit (NPU) Intel Al Boost Operating system installed ** Windows 11 Pro Maximum frequency NPU 1.4 GHz Battery Sparsity support ✓ Aumber of battery cells 3 Windows Studio effects support on NPU FP16, FP32, Int8 Battery vortage 11.4 V Al datatype support on NPU PF16, FP32, Int8 Battery recharge time 4.4 h. d. h. d. c. d. c	Maximum turbo power	115 W		
Maximum frequency NPU 1.4 GHz Battery Sparsity support / Number of battery cells 3 Windows Studio effects support / Battery voltage 11.4 V Al databye support on NPU FP16, FP32, Int8 Battery recharge time 4 h Al software frameworks supported by NPU bircell, ONNX RT, OpenVINO, Windows ML Power Memory 32 GB Ac adapter power 130 W Internal memory by 32 GB Ac adapter power 130 W Internal memory type DORS-SDRAM Ac adapter frequency 100 -240 V Memory layout (slots x size) 2 x 16 GB USB Power Delivery (USB PD) 2 v Memory layout (slots x size) 2 x 16 GB Cable lock slot 2 v Memory layout (slots x size) 2 x 16 GB Cable lock slot 2 v Memory layout (slots x size) 2 x 16 GB Cable lock slot 2 v Memory layout (slots x size) 2 x 16 GB Cable lock slot 2 v Memory layout (slots x size) 2 x 16 GB Cable lock slot 2 v Total SDS capotty <	Neural processor unit (NPU)		Trial software	•
Sparsity support V Number of battery cells 3 Windows Studio effects support V Battery voltage 11.4 V Al datatype support on NPU PP16, FP32, In18 Battery voltage 11.4 V Al software frameworks supported by NPU DirectML, ONNX RT, OpenVINO, Voltage Past charging V Memory 32 GB AC adapter power 130 W Internal memory type DBS-SDRAM AC adapter frequency 50/60 Hz Internal memory type DBS-SDRAM AC adapter frequency 50/60 Hz Memory Jayout (slots x size) 25 x16 GB USB Power Delivery (USB PD) V Memory slots 25 x0-DIMM AC adapter input voltage 100 - 240 V Memory slots 25 x0-DIMM AC adapter input voltage 100 - 240 V Memory slots 25 x0-DIMM AC adapter frequency 40 GB Memory slots 25 x0-DIMM Security V Memory slots 25 x0-DIMM Security V Storage 500 MT/s Cable lock slot type Wedge Storage 15 TB	Neural processor unit (NPU)	Intel Al Boost	Operating system installed *	Windows 11 Pro
Mindows Studio effects support P16, FP32, Int8 Battery voltage 1.4 V Al datatype support on NPU P16, FP32, Int8 Battery recharge time 4 h Al software frameworks supported by NPU P70, FP32, Int8 Battery recharge time 4 h Al software frameworks supported by NPU P70, FP32, Int8 Battery recharge time 4 h Al software frameworks supported by NPU P70, FP32, Int8 Battery recharge time 4 h Al software frameworks supported by NPU P70, FP32, Int8 Bottom	Maximum frequency NPU	1.4 GHz	Battery	
Windows Studio effects support on NPU FP16, FP32, In18 Battery veltage (memory) 4 h 4	Sparsity support	✓	Number of battery cells	3
As software frameworks supported by NPU DirectML, ONNX RT, OpenVINO, Windows ML Fast charging * Memory Power Internal memory * 32 GB Ac adapter power 300 Mc Internal memory type DDRS-SDRAM Ac adapter input voltage 100 - 240 V Memory form factor SO-DIMM USB Power Delivery (USB PD) * Memory slots 2 x 16 GB Security * Memory slots 2 x 50-DIMM Security Wedge Storage 1 TB Security Wedge Storage call 1 TB Trusted Platform Module (TPM) 20 SSD capacity 1 TB Trusted Platform Module	Windows Studio effects support	✓	•	
by NPU Windows ML Power Memory AC adapter power 130 W Internal memory 1 32 GB AC adapter frequency 50/60 Mz Internal memory 1/9e DDR5-SDRAM AC adapter frequency 50/60 Mz Memory spout (slots x size) 2 x 16 GB USB Power Delivery (USB PD) * Memory spout (slots x size) 2 x 16 GB Cable lock slot * Memory slots 2 x 50-DIMM Security * Memory data transfer rate 5600 MT/s Cable lock slot type Wedge Storage T TIB Smart card reader * Total Storage capacity 1 TB Smart card reader * Storage media 550 Trusted Platform Module (TPM) * Number of SSDs installed 1 TS * SSD interface PCI Express 4.0 Operational conditions SSD from factor M.2 Operating temperature (T-T) -40 -65 °C NVMe * Storage reflative humidity (H-H) 10 -90% Card reader integrated *	Al datatype support on NPU	FP16, FP32, Int8	Battery recharge time	4 h
Memory Power Internal memory ** (Internal memory type) 32 GB AC adapter power 130 W Internal memory type DDR5-SDRAM AC adapter frequency 50/60 Hz Memory form factor SO-DIMM AC adapter input voltage 100 - 240 V Memory Jayout (slots x size) 2 x 16 GB USB Power Delivery (USB PD) ** V Memory slots 2 x 50-DIMM Security V Maximum internal memory ** 64 GB Cable lock slot V Memory data transfer rate 5600 MT/s Cable lock slot type Wedge Storage Title Storage realized ** Y V Storage 1 TB Smart card reader V V Total storage capacity ** 1 TB Smart card reader V V V V V V V V V V Compactions V V V V V V V V V V V V V V V V V V V <td></td> <td></td> <td>Fast charging</td> <td>✓</td>			Fast charging	✓
Memory 32 GB AC adapter power 130 W Internal memory type DDR5-SDRAM AC adapter inque voltage 100 - 240 V Memory form factor SO-DIMM USB Power Delivery (USB PD)* * Memory layout (slots x size) 2x SO-DIMM Security * Memory slots 2x SO-DIMM Security Wedge Maximum internal memory* 64 GB Cable lock slot type Wedge Storage * Fine print reader * Total storage capacity* 1 TB Smart card reader * Storage media* 5SD Trusted Platform Module (TPM) * Storage media* 1 TB Trusted Platform Module (TPM) * SSD interface 1 TB Trusted Platform Module (TPM) * SSD interface 1 TB Purposition set platform Module (TPM) * SSD interface 1 TB Purposition set platform Module (TPM) * SSD interface 1 TB Purposition set platform Module (TPM) * SSD interface 1 TB Purposition set platform set pl	by NPU	Windows ML	Power	
Internal memory ** 32 GB AC adapter frequency 50/60 Hz Internal memory type DDRS-SDRAM AC adapter input voltage 100 - 240 V Memory form factor SO-DIMM USB Power Delivery (USB PD)* ✓ Memory slots 2x SO-DIMM Security ✓ Memory data transfer rate 64 GB Cable lock slot ✓ Memory data transfer rate 5600 MT/s Cable lock slot type Wedge Storage Trusted Platform Module (TPM) ✓ Storage media* SD Trusted Platform Module (TPM) ✓ Storage media* SD Trusted Platform Module (TPM) ✓ Number of SSDs installed 1 Trusted Platform Module (TPM) ✓ Number of SSDs installed 1 Operating temperature (T-T) 0-0-055 °C SSD capacity 1 TB Operating temperature (T-T) 0-0-055 °C NVMe ✓ Storage temperature (T-T) 0-0-055 °C SSD interacte MC Operating elative humidity (H-H) 0-0-056 °C Card reader integrated ✓ Opera	Memory			130 W
Internal memory type DDR5-SDRAM SO-DIMM AC adapter input voltage 100 - 240 V Memory form factor SO-DIMM USB Power Delivery (USB PD)*	Internal memory *	32 GB		
Memory form factor SO-DIMM USB Power Delivery (USB PD)* V Memory slots 2 x 16 GB USB Power Delivery (USB PD)* V Memory slots 2 x 50-DIMM Security Maximum internal memory** 64 GB Cable lock slot kype Wedge Memory data transfer rate 5600 MT/s Cable lock slot kype Wedge Storage Total storage capacity** 1 TB Smart card reader V Storage media* SSD Trusted Platform Module (TPM) V Storage media* SSD Trusted Platform Module (TPM) V Storage specials* 1 TB Trusted Platform Module (TPM) V Storage media* 1 TB Operating slot (TMR) V SSD form factor 1 TB Operating slot (TMR) V Operating slot (TMR) Operating slock Into G Operating slot (TMR) Operating slock Into G Operating slot (TMR) Operating slot (TMR) Operating slot (TMR) Operating slot (TMR)<	Internal memory type	DDR5-SDRAM		•
Memory Jayout (slots x size) 2 x 16 GB Memory slots 2x SO-DIMM Security Maximum internal memory* 64 GB Cable lock slot type Wedge Storage Fingerprint reader V Storage 1 TB Smart card reader V Total storage capacity* 1 TB Smart card reader V Storage media * SSD Trusted Platform Module (TPM) V Total SSDs capacity 1 TB Trusted Platform Module (TPM) V SSD interlace 1 TB Operations Conditions V SSD interface PCI Express 4.0 Operating temperature (T-T) 0-35 °C NVMe V Storage temperature (T-T) 0-05 °C SSD form factor M.2 Operating relative humidity (H-H) 10-90% Card reader integrated V Operating relative humidity (H-H) 0-95% Card reader integrated V Operating shock 110 G Graphics MicroSDX (TransFlash), MicroSDHC, MicroSDH	•		• • •	
Maximum internal memory of the Memory data transfer rate 64 GB Cable lock slot type Wedge Storage Fingerprint reader V Total storage capacity of the Storage media of Trusted Platform Module (TPM) of Storage transfer of Storage relative humidity (H-H) of Storage of Storage relative humidity (H-H) of Storage	• •			
Memory data transfer rate 5600 MT/s Cable lock slot type Wedge Storage Fingerprint reader 4 Total storage capacity* 1 TB Smart card reader 4 Storage media* SSD Trusted Platform Module (TPM) 4 Total SSDs capacity 1 TB Trusted Platform Module (TPM) 2.0 Number of SSDs installed 1 PCI Express 4.0 2.0 SSD capacity 1 TB Operating temperature (T-T) 0.35 °C NVMe * Storage temperature (T-T) 40 · 65 °C NVMe * Operating temperature (T-T) 0.90% SSD form factor M.2 Operating relative humidity (H-H) 1.0 90% Optical drive type * X Operating altitude -15.2 · 3048 m Card reader integrated * Operating altitude -15.2 · 3048 m Compatible memory cards MicroSD (TransFlash), MicroSDHC Non-operating altitude -15.2 · 3048 m Discrete GPU manufacturer NVIDIA RTX 500 Ada Non-operating shock 110 G Discrete graphics card memory	-			
Storage Fingerprint reader Y Total storage capacity* 1 TB Smart card reader Y Storage media* SSD Trusted Platform Module (TPM) Y Total SSDs capacity 1 TB Trusted Platform Module (TPM) 2.0 Number of SSDs installed 1 TB Operating Lemperature (T-T) 0.35 °C SSD capacity 1 TB Operating temperature (T-T) 40 · 65 °C NVMe Y Storage temperature (T-T) 40 · 65 °C NVMe Y Storage relative humidity (H-H) 10 · 90% Optical drive type * X Storage relative humidity (H-H) 10 · 90% Card reader integrated Y Operating altitude -15.2 · 3048 m Compatible memory cards MicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDXC Non-operating altitude -15.2 · 10668 m Discrete GPU manufacturer NVIDIA Non-operating vibration 0.66 G Discrete graphics card model * NVIDIA RTX 500 Ada Non-operating vibration 0.66 G Discrete graphics memory type GDDR6 Sustainability	•			
Total storage capacity** SSD Trusted Platform Module (TPM) Version 2.0 POPORTION (TRUST) Number of SSDs installed 1 TB Operational conditions SSD capacity NVMe V Storage temperature (T-T) Operating temperature (T-T) A0 - 65 °C Version NVMe V Storage temperature (T-T) A0 - 65 °C SSD form factor M.2 Operating relative humidity (H-H) Operating relative humidity (H-H) Operating altitude 15.2 - 3048 m Operating altitude 15.2 - 3048 m Operating altitude 15.2 - 3048 m Operating altitude 15.2 - 3068 m Operating shock 100 G Operating shock 110 G Operating shock 120 G Operating shock 130 G Operating shock Operating shock 130 G Operating shock Operating shock 130 G Operating shock 130 G Operating shock Operating shoc		3000 14173	ž.,	•
Storage media * SSD Trusted Platform Module (TPM)				-
Total SSDs capacity 1TB Trusted Platform Module (TPM) version 2.0 Number of SSDs installed 1 Trusted Platform Module (TPM) version 2.0 SSD capacity 1TB Operating temperature (T-T) 0.3 °C NVMe	- ' '			7
Number of SSDs installed 1 TB Operating temperature (T-T) Operating relative humidity (H-H) Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating shock Operat	•		, ,	1
SSD capacity 1TB SSD interface PCI Express 4.0 NVMe **Compacting temperature (T-T)** **SD form factor** **M.2** **Operating relative humidity (H-H)** **Operating altitude** **Operating altitude** **Operating shock** **Operating vibration** **Operating vibration** **Non-operating vibrat	• •			2.0
SSD interface PCI Express 4.0 Operating temperature (T-T) 0.35 °C NVMe				
NVMe			•	
SSD form factor Optical drive type * X Storage relative humidity (H-H) Optical drive type * X Operating altitude Operating shock Op	NVMe			
Optical drive type *XStorage relative humidity (H-H)0 - 95%Card reader integrated✓Operating altitude-15.2 - 3048 mCompatible memory cardsMicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDXCNon-operating altitude-15.2 - 10668 mGraphicsNon-operating shock110 GDiscrete GPU manufacturerNVIDIAOperating vibration0.66 GDiscrete graphics card model *NVIDIA RTX 500 AdaNon-operating vibration1.3 GDiscrete graphics card memory4 GBSustainabilityDiscrete graphics memory typeGDDR6Sustainability compliance✓On-board graphics card *✓Sustainability certificatesTCO, ENERGY STAR, EPEAT GoldOn-board GPU manufacturerIntelWeight & dimensionsDiscrete graphics card *✓Width357.8 mmOn-board graphics card familyIntel Arc GraphicsDepth233.3 mmOn-board graphics card model *Intel Arc GraphicsPepth233.3 mmAudioHeight (front)2.08 cmHeight (rear)2.28 cm	SSD form factor	M.2		
Card reader integrated Compatible memory cards MicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDHC) MicroSDXC Operating altitude Operating shock Non-operating shock 110 G Graphics Non-operating shock Non-operating vibration Operating shock Into Graphics card wone-perating vibration Operating vibration Operating shock Into Graphics Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating shock Into Graphics Non-operating shock Non-operating vibration Operating shock Into Graphics Sustainability Operating shock Operating shock Into Graphics Sustainability Operating shock Into Graphics Into	Optical drive type *		•	
Compatible memory cards MicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDXC Operating shock Non-operating shock 110 G Graphics Non-operating shock 160 G Non-operating vibration Operating shock Into G Operating sho	Card reader integrated	✓	- · · · · · · · · · · · · · · · · · · ·	
Comparison MicroSDXCOperating shock110 GGraphicsNon-operating shock160 GDiscrete GPU manufacturerNVIDIAOperating vibration0.66 GDiscrete graphics card model *NVIDIA RTX 500 AdaNon-operating vibration1.3 GDiscrete graphics card memory4 GBSustainabilityDiscrete graphics memory typeGDDR6Sustainability compliance✓On-board graphics card *✓Sustainability certificatesTCO, ENERGY STAR, EPEAT GoldOn-board GPU manufacturerIntelWeight & dimensionsDiscrete graphics card familyIntel Arc GraphicsWidth357.8 mmOn-board graphics card familyIntel Arc GraphicsDepth233.3 mmOn-board graphics card model *Intel Arc GraphicsHeight (front)2.08 cmAudioHeight (rear)2.28 cmAudio systemMaxxAudioWeight *1.62 kg	, and the second	MicroSD (TransFlash), MicroSDHC,	•	
GraphicsNon-operating shock160 GDiscrete GPU manufacturerNVIDIAOperating vibration0.66 GDiscrete graphics card model *NVIDIA RTX 500 AdaNon-operating vibration1.3 GDiscrete graphics card memory4 GBSustainabilityDiscrete graphics memory typeGDDR6Sustainability compliance✓On-board graphics card *✓Sustainability certificatesTCO, ENERGY STAR, EPEAT GoldOn-board GPU manufacturerIntelWeight & dimensionsDiscrete graphics card *✓Width357.8 mmOn-board graphics card familyIntel Arc GraphicsDepth233.3 mmOn-board graphics card model *Intel Arc GraphicsDepth2.08 cmAudioHeight (front)2.08 cmAudio systemMaxxAudioWeight *1.62 kg	Companible memory cards			
Discrete graphics card model * NVIDIA RTX 500 Ada Non-operating vibration 1.3 G Discrete graphics card memory 4 GB Discrete graphics memory type GDDR6 On-board graphics card * ✓ Sustainability certificates TCO, ENERGY STAR, EPEAT Gold On-board GPU manufacturer Intel Discrete graphics card * ✓ Weight & dimensions On-board graphics card family Intel Arc Graphics Depth 233.3 mm Audio Audio MaxxAudio Weight * 1.62 kg	Graphics			160 G
Discrete graphics card memory 4 GB Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card amily On-board graphics card family On-board graphics card model * Intel Arc Graphics Depth Depth Height (front) Height (front) Height (rear) Audio Audio MaxxAudio Weight * Norder Sustainability Sustainability certificates TCO, ENERGY STAR, EPEAT Gold Weight & dimensions Width Depth Depth Height (front) Height (front) Height (rear) 2.28 cm Audio System	Discrete GPU manufacturer	NVIDIA		
Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card family On-board graphics card model * Intel Arc Graphics On-board graphics card model * Intel Arc Graphics Audio MaxxAudio Sustainability compliance Veight & dimensions Weight & dimensions Width 357.8 mm 233.3 mm Height (front) Height (front) Height (rear) 2.28 cm Audio Neight * Neight * 1.62 kg	Discrete graphics card model *	NVIDIA RTX 500 Ada	Non-operating vibration	1.3 G
On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card family On-board graphics card family On-board graphics card model * Intel Arc Graphics Depth Height (front) Height (rear) Audio Audio MaxxAudio Sustainability confipitance Veight & dimensions Weight & dimensions Width Spr. 8 mm 157.8 mm 169.1 card family 169.1 card family 169.2 card family 160. ENERGY STAR, EPEAT Gold Weight & dimensions Width 167.8 mm 169.1 card family 169.2 card family 160. ENERGY STAR, EPEAT Gold Weight & dimensions Weight & dimensions Weight & dimensions 160. ENERGY STAR, EPEAT Gold 160. ENERGY STAR, EPEAT Gold Weight & dimensions Weight & dimensions 160. ENERGY STAR, EPEAT Gold 160. ENERGY STAR, EPEAT	Discrete graphics card memory		Sustainability	
On-board graphics card * Intel On-board GPU manufacturer Discrete graphics card * Intel On-board graphics card * Intel On-board graphics card family On-board graphics card family On-board graphics card model * Intel Arc Graphics On-board graphics card family On-board graphics On-board gr		GDDR6	Sustainability compliance	✓
Discrete graphics card * Weight & dimensions Width 357.8 mm On-board graphics card model * Intel Arc Graphics On-board graphics card model * Intel Arc Graphics Audio Audio MaxxAudio Weight & dimensions Width 357.8 mm Depth 233.3 mm Height (front) 2.08 cm Height (rear) 2.28 cm Audio System MaxxAudio Weight * 1.62 kg	• .			TCO, ENERGY STAR, EPEAT Gold
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On-board graphics card family lintel Arc Graphics On-board graphics card model * Intel Arc Graphics Audio Audio MaxxAudio MaxxAudio Depth 233.3 mm Height (front) 2.08 cm Height (rear) 2.28 cm MaxxAudio Weight * 1.62 kg	• .			357.8 mm
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AudioHeight (rear)2.28 cmAudio systemMaxxAudioWeight *1.62 kg	On-board graphics card model *	Intel Arc Graphics	•	
Audio system MaxxAudio Weight * 1.62 kg	Audio		-	
	Audio system	MaxxAudio		
	Number of built-in speakers	2		

Audio		Carbon footprint	
Speakers manufacturer	Waves	Total carbon footprint (kg of CO2e)	119
Speaker power	2 W	Carbon emissions, manufacturing	86
Built-in microphone	✓	(kg of CO2e)	
Number of microphones	2	Carbon emissions, logistics (kg of CO2e)	4
Camera		Carbon emissions, energy usage (kg of CO2e)	28
Front camera	•	Carbon emissions, end-of-life (kg of CO2e)	1
		Total carbon emissions, w/o use phase (kg of CO2e)	91
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC

