

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. Al at your fingertips.

Intelligently optimised and high performing, the Precision 3591 is a powerful entry-level workstation for design and creative applications.









Product type * Mobile workstation Privacy camera ✓ Product colour * Grey Privacy type Privacy shutter Form factor * Clamshell Network Market positioning Business Wi-Fi 6E (802.11ax) Display Wi-Fi 5 (802.11ac), 802.11b,			_	
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 5 (802.11ac), 802.11b, Wi-Fi 5 (802.11ac), 802.11b, Display diagonal * 39.6 cm (15.6°) Wi-Fi standards 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) Display resolution * 1920 x 1080 pixels Mobile network connection * X Touchscreen * X Wi-Fi data rate (max) 2400 Mbit/s HD type Full HD Antenna type 2x2 Panel type IPS WLAN controller model Intel Wi-Fi 6E AX211 LED backlight √ WLAN controller manufacturer Intel Native aspect ratio 16:9 Ethernet LAN √ Anti-glare screen ✓ Ethernet LAN √ Display brightness 400 cd/m² Bluetooth ✓ RGB colour space sRGB MIMO ✓ RGB colour space sRGB MIMO type WLAN controller manufacturer <td>Design</td> <td></td> <td>Camera</td> <td></td>	Design		Camera	
Form factor * Glamshell Market positioning Business Display	· ·	Mobile workstation	•	· ·
Market positioning Business Top Wi-Fi standard * Wi-Fi 6E (802.11ax) Display diagonal * 39.6 cm (15.6") Display resolution * 1920 x 1080 pixels Touchscreen * X Wi-Fi data rate (max) Display pesolution * Pull HD Antenna type Panel type Pane		•	Privacy type	Privacy shutter
Display Display diagonal * 39.6 cm (15.6*) Display resolution * 1920 x 1080 pixels Touchscreen *			Network	
Display diagonal * 39.6 cm (15.6") Wi-Fi standards 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) Display resolution * 1920 x 1080 pixels Touchscreen * X Mobile network connection * X HD type Full HD Mi-Fi data rate (max) 2400 Mbit/s Antenna type 2x2 Panel type IPS WLAN controller model Intel Wi-Fi 6E AX211 LED backlight VLAN controller model Intel Wi-Fi 6E AX211 LED backlight VLAN controller manufacturer Intel Wi-Fi 6E AX211 Native aspect ratio 16:9 Ethernet LAN VLAN controller manufacturer Intel Selection VLAN controller Mobile Selection VLAN controller	Market positioning	Business	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution * 1920 x 1080 pixels	Display		· ·	Wi-Fi 5 (802.11ac), 802.11b,
Touchscreen *	. , ,	, ,	Wi-Fi standards	802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
HD type Full HD Antenna type 2400 Mbit/s Panel type IPS Antenna type 2x2 Panel type IPS WLAN controller model Intel Wi-Fi 6E AX211 LED backlight Native aspect ratio 16:9 Ethernet LAN Anti-glare screen Anti-glare screen Volume aspect Anti-glare screen Visial density 141 ppi WWAN RGB colour space SRGB MIMO Maximum refresh rate 60 Hz Contrast ratio (typical) 800:1 Processor Processor manufacturer* Intel SB 2.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Processor family * Intel Core Ultra 7 Processor generation Intel® Core "Ultra (Series 1) Processor model * Processor cores Intel® Core Ultra (Series 1) Processor threads 22 Combo headphone/mic port VSA Type-C VSA Type-C	' '	•	Mobile network connection *	×
Panel type LED backlight Native aspect ratio Anti-glare screen Anti-glare screen Display brightness V Display brightness V Pixel density RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical) Processor Processor manufacturer Intel Intel Native aspect ratio Anti-glare screen V Ethernet LAN Ethernet LAN Ethernet LAN Ethernet LAN Bluetooth WWAN Upgradable WWAN Upgradable WMIMO WMIMO WMIMO WMIMO WMIMO WMIMO WMIMO WMIMO WMIT User MIMO V SB 3.2 Gen 1 (3.1 Gen 1) Type-A ports Quantity * Processor manufacturer * Intel Processor family * Intel Core Ultra 7 HDMI ports quantity * Processor generation Intel® Core ™ Ultra (Series 1) HDMI version Processor model * Processor cores 16 Intel® Thunderbolt 4 ports quantity Processor threads 22 Combo headphone/mic port V SB Type-C USB Type-C			Wi-Fi data rate (max)	2400 Mbit/s
LED backlight✓WLAN controller modelIntel Wi-Fi 6E AX211Native aspect ratio16:9Ethernet LAN✓Anti-glare screen✓Ethernet LAN data rates10,100,1000 Mbit/sDisplay brightness400 cd/m²Bluetooth✓Pixel density141 ppiWWANUpgradableRGB colour spaceSRGBMIMO✓Colour gamut100%MIMO✓Maximum refresh rate60 HzPorts & interfacesContrast ratio (typical)800:1Ports & interfacesProcessorUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Processor family *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel ® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel ® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C			Antenna type	2x2
Native aspect ratio 16:9 Anti-glare screen V Anti-glare screen Visiplay brightness 400 cd/m² Bluetooth WWAN WWAN WWAN WWAN WWAN MiMO Colour gamut 100% MiMO Maximum refresh rate 60 Hz Contrast ratio (typical) Processor Processor Processor manufacturer* Intel Bluetooth WWAN MiMO Wilti User MiMO Wilti User Mimo Worts & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Processor family * Intel Core Ultra 7 HDMI ports quantity * Intel Processor generation Intel® Core Ultra 7 HDMI version Processor model * 155H Thunderbolt 4 ports quantity Processor threads 22 Combo headphone/mic port Charging port type USB Type-C USB Type-C	• •		WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen Display brightness 400 cd/m² Pixel density RGB colour space SRGB Colour gamut Maximum refresh rate Contrast ratio (typical) Processor Processor Processor family * Intel Core Ultra 7 Processor generation Intel® Core™ Ultra (Series 1) Processor cores 16 Intel® Core™ Ultra (Series 1) Processor threads 22 Combo headphone/mic port Processor threads 10,100,1000 Mbit/s WMAN Upgradable WMAN WIMO WIMO WIMO WIMO WIMO WIMO WIMO WIMIO Ports & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Processor family * Intel Core Ultra 7 HDMI ports quantity * Intel Wersion Intel® Core™ Ultra (Series 1) HDMI version Intel® Thunderbolt 4 Processor threads 22 Combo headphone/mic port VSB Type-C	•	•	WLAN controller manufacturer	Intel
Display brightness A00 cd/m² Bluetooth WWAN Upgradable WWAN Upgradable WIMO Colour gamut Maximum refresh rate Contrast ratio (typical) Processor Processor manufacturer * Intel Core Ultra 7 Processor generation Intel® Core™ Ultra (Series 1) Processor model * Processor threads Processor threads 22 Combo headphone/mic port Pixel density Bluetooth WWAN Upgradable WMAN Upgradable MIMO WIMO type Multi User MIMO Ports & interfaces LSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * 1 HDMI version 2.1 Processor model * Processor rodel * Processor cores 16 Intel® Care™ Ultra (Series 1) Intel® Thunderbolt 4 Processor threads 22 Combo headphone/mic port V SB Type-C	•		Ethernet LAN	✓
Pixel density141 ppiWWANUpgradableRGB colour spacesRGBMIMO✓Colour gamut100%MIMO typeMulti User MIMOMaximum refresh rate60 HzPorts & interfacesContrast ratio (typical)800:1Ports & interfacesProcessorUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Processor manufacturer *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C	•		Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space SRGB MIMO MimO Multi User MIMO Processor HOPO Processor 1 (3.1 Gen 1) Type-A ports quantity * 1 HPORT Squantity * 1 Processor family * Intel Core Ultra 7 HDMI ports quantity * Intel Multi User MIMO Multi User M		,	Bluetooth	✓
Colour gamut Maximum refresh rate Contrast ratio (typical) Processor Processor manufacturer * Intel Processor family * Intel Core Ultra 7 Processor generation Processor model * Processor model * Intel Rocessor Combo headphone/mic port Processor threads Processor threads Row MIMO type Multi User MIMO Mul	•	''	WWAN	Upgradable
Maximum refresh rate60 HzMIMO typeMulti User MIMOContrast ratio (typical)800:1Ports & interfacesProcessorUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Processor manufacturer *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C	•		MIMO	✓
Contrast ratio (typical)800:1Ports & interfacesProcessorUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Processor manufacturer *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C	3		MIMO type	Multi User MIMO
ProcessorProcessorUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Processor manufacturer *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C			Ports & interfaces	
Processor manufacturer *IntelEthernet LAN (RJ-45) ports1Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C				2
Processor family *Intel Core Ultra 7HDMI ports quantity *1Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C	Processor manufacturer *	Intel		1
Processor generationIntel® Core™ Ultra (Series 1)HDMI version2.1Processor model *155HThunderbolt 4 ports quantity2Processor cores16Intel® Thunderbolt 4✓Processor threads22Combo headphone/mic port✓Processor boost frequency4.8 GHzCharging port typeUSB Type-C	Processor family *	Intel Core Ultra 7		
Processor cores 16 Intel® Thunderbolt 4 Processor threads 22 Combo headphone/mic port Processor boost frequency 4.8 GHz Charging port type USB Type-C	Processor generation	Intel® Core™ Ultra (Series 1)		2.1
Processor cores 16 Intel® Thunderbolt 4 Processor threads 22 Combo headphone/mic port Processor boost frequency 4.8 GHz Charging port type USB Type-C	Processor model *	155H	Thunderbolt 4 ports quantity	2
Processor threads 22 Combo headphone/mic port ✓ Processor boost frequency 4.8 GHz Charging port type USB Type-C	Processor cores	16	' ' '	
Processor boost frequency 4.8 GHz Charging port type USB Type-C	Processor threads	22		
	Processor boost frequency	4.8 GHz	· ·	USB Type-C
	Performance cores	6	2 2. 2.	-

Processor		Ports & interfaces	
Efficient cores	8	USB Type-C DisplayPort Alternate	1
Low Power Efficient-cores	2	Mode	,
Performance-core Max Turbo	4.8 GHz	USB Power Delivery	V
Frequency Efficient-core Max Turbo Frequency	3.8 GHz	PowerShare Number of USB ports with	✓
Low Power Efficient-core Max Turbo		PowerShare support	1
Frequency	2.5 GHz	Keyboard	
Performance-core base frequency	1.4 GHz		Touchnad
Efficient-core base frequency	0.9 GHz	Pointing device Keyboard language	Touchpad UK English
Low Power Efficient-core Base	700 MHz	Numeric keypad *	✓ Liigiisii
Frequency		Keyboard backlit	*
Processor cache	24 MB	Keyboard number of keys	100
Processor cache type	Smart Cache 28 W		
Processor base power	28 W 115 W	Software	
Maximum turbo power	113 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system language	German, Dutch, English, French, Italian
Neural processor unit (NPU)	Intel Al Boost		No Microsoft Office Licence Included
Maximum frequency NPU	1.4 GHz	Trial software	- 30 day Trial Offer Only
Sparsity support	√	Operating system installed *	Windows 11 Pro
Windows Studio effects support	▼	Battery	
Al datatype support on NPU	FP16, FP32, Int8	Number of battery cells	4
Al software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery capacity *	64 Wh
		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) Memory slots	1 x 32 GB 2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	130 W
Memory data transfer rate	5600 MT/s	AC adapter frequency	50 - 60 Hz
Non-ECC	✓	AC adapter input voltage	100 - 240 V
	•	USB charging voltage	5,20 V
Storage	4.70	Security	
Total storage capacity *	1 TB	Cable lock slot	,
Storage media *	SSD 1 TB		Wodgo
Total SSDs capacity Number of SSDs installed	1 TB 1	Cable lock slot type Smart card reader	Wedge ✓
SSD capacity	1 TB	Trusted Platform Module (TPM)	
SSD interface	110		./
	PCI Express 4.0		✓
	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe SSD form factor	PCI Express 4.0 ✓ M.2	Trusted Platform Module (TPM) version	•
NVMe	✓	Trusted Platform Module (TPM) version Operational conditions	2.0
NVMe SSD form factor	√ M.2	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T)	2.0 0 - 35 °C
NVMe SSD form factor SSD performance class	M.2 40	Trusted Platform Module (TPM) version Operational conditions	2.0
NVMe SSD form factor SSD performance class M.2 SSD size	M.2 40 2280 (22 x 80 mm)	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T)	2.0 0 - 35 °C -40 - 65 °C
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated	M.2 40 2280 (22 x 80 mm)	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	2.0 0 - 35 °C -40 - 65 °C 10 - 90%
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type *	M.2 40 2280 (22 x 80 mm)	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95%
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated	M.2 40 2280 (22 x 80 mm)	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards	M.2 40 2280 (22 x 80 mm)	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating vibration	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card *	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating vibration	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating vibration Non-operating vibration	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics card * On-board GPU manufacturer Discrete graphics card *	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel Intel Arc Graphics	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability Sustainability compliance Sustainability certificates	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics card * On-board GPU manufacturer Discrete graphics card *	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability Sustainability compliance Sustainability certificates Weight & dimensions	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G ✓ ENERGY STAR, TCO
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics card memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel Intel Arc Graphics	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability Sustainability compliance Sustainability certificates Weight & dimensions Width	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G ✓ ENERGY STAR, TCO
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel Intel Arc Graphics	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability Sustainability compliance Sustainability certificates Weight & dimensions Width Depth	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G ENERGY STAR, TCO 357.8 mm 233.3 mm
NVMe SSD form factor SSD performance class M.2 SSD size Optical drive type * Card reader integrated Compatible memory cards Graphics Discrete graphics card model * Discrete graphics card memory Discrete graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * Audio	M.2 40 2280 (22 x 80 mm) MicroSD (TransFlash), MicroSDHC, MicroSDXC NVIDIA RTX 1000 Ada 6 GB GDDR6 Intel Intel Arc Graphics Intel Arc Graphics	Trusted Platform Module (TPM) version Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Sustainability Sustainability compliance Sustainability certificates Weight & dimensions Width	2.0 0 - 35 °C -40 - 65 °C 10 - 90% 0 - 95% -15.2 - 3048 m -15.2 - 10668 m 110 G 160 G 0.66 G 1.3 G ✓ ENERGY STAR, TCO

Audio		Weight & dimensions	
Speaker power	2 W ✓ 2	Weight *	1.79 kg
Built-in microphone Number of microphones		Carbon footprint	
		Total carbon footprint (kg of CO2e)	120
Camera Front camera	2.07 MP 1920 x 1080 pixels Full HD 30 fps	Carbon emissions, manufacturing (kg of CO2e)	84
Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed		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 verison1
		Packaging content	
		Cables included	AC



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