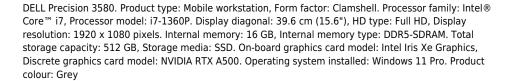


DELL Precision 3580 Intel® Core™ i7 i7-1360P Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro US International Grey

Brand : DELL Product family: Precision Product code: 8M3R6

Product name: 3580







Design		Network	
Product type * Product colour * Form factor * Intel® vPro™ Platform Eligibility	Mobile workstation Grey Clamshell ✔	Mobile network connection * Wi-Fi data rate (max) Antenna type WLAN controller model	X 2400 Mbit/s 2x2 Intel Wi-Fi 6E AX211
Display Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight	39.6 cm (15.6") 1920 x 1080 pixels X Full HD IPS	WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth WWAN MIMO MIMO type	Intel 10,100,1000 Mbit/s Upgradable Multi User MIMO
Native aspect ratio Anti-glare screen Display brightness Pixel pitch Pixel density RGB colour space Colour gamut Display response rise/fall Maximum refresh rate Contrast ratio (typical)	16:9 ✓ 400 cd/m² 0.179 x 0.179 mm 141 ppi sRGB 100% 35 ms 60 Hz 800:1	Ports & interfaces 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 USB Type-C DisplayPort Alternate Mode	2 1 1 2.0 2
Processor Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-1360P 12	PowerShare Number of USB ports with PowerShare support Keyboard Pointing device Numeric keypad *	Touchpad

Processor Drock Frequency 5 6Hz Keyboard backlift Frequency 5 6Hz Keyboard backlift # Commence one Management 1 6 6Hz Keyboard backlift # Commence one Management 4 6 6Hz Management # Commence one Management 4 6 5 Hz Management # Commence one Management 5 6Hz Commence one Management 4 6 Hz A 6 Hz Commence one Management 5 6Hz Commence one Management 5 6Hz Commence one Management 4 6 Hz Commence one Management 4 6 Hz Commence one Management 4 6 Hz A 6 Hz<				
Processor boost frequency 5 GRIZ Keyboard language Us International Performance comes 4 Software Efficiency cores 8 Operating systems architecture 64-bit Frequency 5 GRIZ Operating system language 45-bit Frequency 13 GRIZ Operating system language 45-bit Processor cache 18 MB Trial software 80 Mo Microsoft Office Useries Included Processor cache spower 28 W Bude obviously Windows \$1.0 Pro Memory 15 GB Battery schandlogy Lichium-lan (Lidan) Memory brom factor 5 GB Battery capacity* 5 4 Wh Memory prom factor 50 DBM Battery capacity* 5 4 Wh Memory slotis 2 V B GB Battery capacity* 5 4 Wh Memory slotis 2 V B GB Battery capacity* 5 4 Wh Memory slotis 2 V B GB Battery capacity* 1 50 Wh Stories 2 V B GB Battery capacity* 1 50 Wh Stories 2 V B GB Battery capacity* 1 50	Processor		Keyboard	
Performance cores	Processor threads	16	Keyboard backlit	✓
Efficient cores Software Performance-ore Max Turbo Frequency Soft Performance-ore Max Turbo Frequency Soft Performance-ore Max Turbo Frequency Soft Performance-ore Max Turbo Soft Performance-ore Max			Keyboard language	US International
Performancencer Max Turbo Frequency Frequen			Software	
Frequency Soft Children Comman			Operating system architecture	64-bit
Processor cache lype 18 MB Trial software NO Microsoft Office License included 20 day Trial of Processor base power Processor base power 8 W W Modes \$11 Pro Windows \$12 Pro Windows \$11 Pro Windows \$12 Pro Windows \$11 Pro Windows \$12 Pro Window	Frequency		Operating system language	
Processor base power Maximum turbo power 28 W Bunded Software Windows System Driver Maximum turbo power 64 W Battery Memory Leternal memory * DDRS-SDRAM Battery chonology Lithium-lon (Li-lon) Internal memory type DDRS-SDRAM Battery capacity* 3 4 Wh Memory layout (slots x size) 2 x 8 GB Battery colarge 1 1.4 V Memory layout (slots x size) 2 x 8 CB Battery veelange time 3 h Maximum internal memory 4 6 GB Power Memory late transfer rate 2000 MT/s AC adapter program 130 W Non-ECC 7 AC adapter program 130 W Storage V AC adapter program 100 - 240 V Storage media * SSD USB Type-C charging port ✓ Color of Color o			Trial software	
Maximum turbo power 64 W Battery Memory Battery Battery technology Lithium-lon (Li-lon) Internal memory type 16 GB Number of battery cells 3 Human (Li-lon) Memory Ingurus (Isuts xize) 2 x 8 GB Battery voltage 11.4 V Memory Joylos 2 x 8 GB Battery voltage 11.4 V Memory Joylos 2 x 8 GB Battery weight 220 g Memory data transfer rate 200 MTS Power 300 W Memory data transfer rate 200 MTS AC adapter prower 130 W Non-ECC AC adapter prower 130 W 100 -240 V Storage 512 GB USB Type-C charging port 90 -240 V Storage 512 GB USB Type-C charging port 90 -240 V Voltacis 512 GB USB Type-C charging port 90 -240 V Storage 512 GB USB Type-C charging port 90 -240 V Voltage 512 GB USB Type-C charging port 90 -25 V Storage type-C charging port 90 -25 V 90 -25 V Vo	• •		Operating system installed *	Windows 11 Pro
Memory Internal memory 16 G8 Battery technology Lithlum-lon (Li-lon) Internal memory type DDBS-SDRAM Battery capacity* 54 Wh Memory form factor SO-DIMM Battery capacity* 54 Wh Memory layout (slots x size) 2 x 8 GDIMM Battery weight 220 g Maximum internal memory* 64 GB Power 220 g Memory data transfer rate 5200 MT/S Power 130 W Non-ECC Y AC adapter prower 130 W Storage SECONTS AC adapter frequency 50/00 Hz Storage media** 512 GB USB Type-C Charging port* Y Storage media** 512 GB USB Power Delivery (USB PD) Y Total Storage capacity** 512 GB USB Adapter input voltage 100 - 240 V Storage media** 512 GB USB Power Delivery (USB PD) Y Total storage capacity** 512 GB USB Power Delivery (USB PD) Y Storage media** 10 Los GN Transflash, MicroSDRA Wisa Power Delivery (USB PD) Y SSD Inmirac	·		Bundled software	Windows System Driver
Internal memory	·	04 VV	Battery	
Internal memory type	•		Battery technology	Lithium-lon (Li-lon)
Memory form factor SO-DIMM Battery verbage 11.4 V Memory Jayout (slotx size) 2 x 8 G-DIMM Battery recharge time 3 h Maximum internal memory 64 GB 20 g Maximum internal memory 64 GB 20 g Memory Jata transfer rate 5200 MT/s AC adapter power 30 W Non-ECC y AC adapter frequency 506 (D a) Storage ST02 GB USB Type-C charging port y Storage media SSD USB Power Delivery (USB PD) y Storage media SSD USB Power Delivery (USB PD) y Number of SSDs instaled 1 USB Power Delivery (USB PD) y SSD interface PCI Express 4.0 USB Power Delivery (USB PD) y NVME Y Cable lock slot Y SSD Interface MC Express 4.0 USB Power Delivery (USB PD) y VALIDIA Y Cable lock slot Y SSD Interface MC Express 4.0 Cable lock slot Y SSD Interface MC Express 4.0	·		Number of battery cells	3
Memory layout (slots x size) 2 x 8 GB Battery vectage time 3 h A Memory slots 2x 50-DIMM Battery weight 220 g Memory data transfer rate 5200 MT/s Power Total storage capacity 512 GB USB your Charging port 70-240 V Total storage capacity 512 GB USB Power Delivery (USB PD) V Total storage capacity 512 GB USB Power Delivery (USB PD) V Total storage capacity 512 GB USB Power Delivery (USB PD) V Total storage capacity 512 GB USB Power Delivery (USB PD) V Total storage capacity 512 GB USB Power Delivery (USB PD) V Total storage capacity 512 GB USB Charging ournant 50.5 A SSD capacity 512 GB USB Charging current 50.5 A SSD capacity 512 GB USB Charging current 50.5 A SSD capacity 70 CT 70 CT 70 CT SSD form factor M.2 Cable lock slot V SSD form factor M.2 Cable lock slot V SSD form factor M.2 Cable lock slot type Wedge SSD form factor M.2 Trusted Platform Module (TPM) V Card reader integrated V Trusted Platform Module (TPM) V Card reader integrated V Trusted Platform Module (TPM) V Card reader integrated V Operating temperature (T-T) 40 - 65 °C Discrete graphics card memory 4 GB Capacity	, ,,		Battery capacity *	54 Wh
Memory slots 2x SO-DIMM Battery weight 210 Maximum internal memory* 64 GB Power Memory data transfer rate 5200 MT/s AC adapter power 130 W Non-ECC x AC adapter input voltage 50/60 Hz Storage X AC adapter input voltage 100 - 240 V Storage media* SSD USB Power Delivery (USB PD) x Storage media* SSD USB Power Delivery (USB PD) x Storage media* SSD USB Power Delivery (USB PD) x Storage media* SSD USB Power Delivery (USB PD) x Storage media* SSD SSD Storage (USB PD) x SSD performance class 12 GB USB Power Delivery (USB PD) x SSD performance class 35 Smart card reader x x Card reader integrated X Trusted Platform Module (TPM) x x Card reader integrated X Trusted Platform Module (TPM) x x x Card reader integrated X X<	•		· ·	
Maximum internal memory " Memory data transfer rate (as possible memory data transfer rate) (as possible memory data transfer rate) (as possible memory cards) (as possible memory type (DDR6 (DD			· -	
Mon-ECC			Battery weight	220 g
Storage	Memory data transfer rate	5200 MT/s	Power	
Storage AC adapter input voltage 100 - 240 V Total storage capacity 512 GB USB Type-C charging port ✓ Storage media 55D USB Power Delivery (USB PD) ✓ Total SSDs capacity 512 GB USB charging voltage 20,5 V SSD capacity 512 GB USB charging current 6.5 A SSD Interface PC Express 4.0 Security Wedge SSD form factor M.2 Cable lock slot type Wedge SSD performance class 35 Smart card reader ✓ Optical drive type X Trusted Platform Module (TPM) ✓ Card reader integrated ✓ Trusted Platform Module (TPM) ✓ Card reader integrated ✓ Operational conditions Version Card reader integrated ✓ Operational conditions Version Discrete applies memory cards MINIDA RTX ASO0 Operating temperature (T-T) 40 - 65 °C Discrete graphics card model NVIDIA Storage relative humidity (H-H) 10 - 99% Discrete graphics card model NVID	Non-ECC	✓	AC adapter power	130 W
Total storage capacity S12 GB	Storage		, , ,	,
Storage media	•	512 GR		
Total SSDs capacity S12 GB	. ,		,, s s .	1
Number of SSDs installed 1 USB charging outleage 20,5 V SSD capacity 512 GB USB charging current 6.5 A SSD interface PCI Express 4.0 Security V NVMe Y Cable lock slot Y SSD performance class 35 Smart card reader Y Optical drive type* X Trusted Platform Module (TPM) version 2.0 Compatible memory cards MicroSDXC Operational conditions 2.0 Card reader integrated Y Trusted Platform Module (TPM) version 2.0 Compatible memory cards MicroSDXC Operation temperature (T-T) 4.0 4.0 Card reader integrated Y Operation temperature (T-T) 4.0 5.5 °C Compatible memory cards MicroSDXC Operating temperature (T-T) 4.0 6.5 °C Discrete graphics ard model* NVIDIA RTX ASOO Operating temperature (T-T) 4.0 6.5 °C Discrete graphics ard momory 4 GB Storage relative humidity (H-H) 10 - 90%			USB Power Delivery (USB PD)	1
SSD capacity 512 GB SSD interface PCI Express 4.0 Security NVMe Y Cable lock slot Y SSD form factor M.2 Cable lock slot type Wedge SSD performance class 35 Smart card reader Y Optical drive type* X Trusted Platform Module (TPM) version Y Card reader integrated Y Trusted Platform Module (TPM) version 2.0 Compatible memory cards MicroSDXC Operating call store the platform Module (TPM) version 2.0 Graphics Operating latting memory dept (MicroSDXC) Operating latting the platform Module (TPM) version 2.0 Graphics WIDIA Storage tamp dept the munidity (H-H) 0 - 35 °C Discrete graphics card model* NVIDIA RTX A500 Operating temperature (T-T) 40 - 65 °C Discrete graphics card model* V/ Non-operating altitude -15.2 - 3048 m On-board graphics card formity Intel Iris Xe Graphics Operating altitude -15.2 - 10668 m On-board graphics card family Intel Iris Xe Graphics Operating vibration 10 G <td></td> <td></td> <td>5 5 5</td> <td></td>			5 5 5	
NVMe	SSD capacity	512 GB	USB charging current	6.5 A
SSD form factor M.2 Cable lock slot type Wedge SSD performance class 35 Smart card reader ✓ Optical drive type * X Trusted Platform Module (TPM) ✓ Card reader integrated ✓ Compatible memory cards MicroSDTC Graphics Graphics Operating temperature (T-T) 0.35 °C Discrete GPU manufacturer Discrete graphics card model * NVIDIA Storage temperature (T-T) 0.95% Discrete graphics card model * NVIDIA Storage temperature (T-T) 0.95% Discrete graphics card memory 4 GB Storage relative humidity (H-H) 10.90% Discrete graphics memory type GDDR6 Operating altitude 15.2 - 3048 m On-board graphics card * ✓ On-board graphics card family Intel Iris Xe Graphics Operating shock 110 G On-board graphics card model Intel Iris Xe Graphics Operating shock 110 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe Graphics Operating vibration 1.3 G On-board graphics Card model Intel Iris Xe G	SSD interface	PCI Express 4.0	Security	
SSD performance class 35 Smart card reader Optical drive type X Trusted Platform Module (TPM) Card reader integrated Compatible memory cards MicroSDXC Operational conditions Operating temperature (T-T) Operating elative humidity (H-H) Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating shock On-board graphics card On-board graphics card On-board graphics card On-board graphics card family Intel Iris Xe Graphics Operating vibration Operating vibration On-board graphics card family Intel Iris Xe Graphics Operating vibration Operating v	NVMe	✓	Cable lock slot	1
Optical drive type* X Trusted Platform Module (TPM) version V Card reader integrated V Trusted Platform Module (TPM) version 2.0 Compatible memory cards MicroSDXC Operational conditions 3.0 Graphics Discrete GPU manufacturer NVIDIA Storage temperature (T-T) -40 - 65 °C Discrete graphics card model * NVIDIA RTX A500 Operating relative humidity (H-H) 10 - 90% Discrete graphics card memory type GDDR6 Operating altitude -15.2 - 3048 m On-board graphics memory type GDDR6 Operating shock 110 G On-board graphics card * V Non-operating shock 110 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 0.66 G Audio system MaxxAudio Width 357.8 mm Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Weight (front) 2.08 cm <t< td=""><td>SSD form factor</td><td>M.2</td><td>Cable lock slot type</td><td>Wedge</td></t<>	SSD form factor	M.2	Cable lock slot type	Wedge
Card reader integrated Compatible memory cards MicroSDXC Operating temperature (T-T) Operating relative humidity (H-H) Operating relative humidity (H-H) Operating altitude Operating altitude Operating altitude Operating altitude Operating altitude Operating shock On-board GPU manufacturer On-board GPU manufacturer Operating shock On-board graphics card V Non-operating shock Operating vibration Opera	SSD performance class	35	Smart card reader	1
Compatible memory cards MicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDXC Version 2.0 Graphics Operating temperature (T-T) 0 - 35 °C Discrete GPU manufacturer NVIDIA RTX A500 Operating temperature (T-T) -40 - 65 °C Discrete graphics card model * NVIDIA RTX A500 Operating relative humidity (H-H) 0 - 90% Discrete graphics card memory 4 GB Storage relative humidity (H-H) 0 - 95% Discrete graphics memory type GDDR6 Operating altitude -15.2 - 3048 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 110 G On-board GPU manufacturer Intel Iris Xe Graphics Operating vibration 0.66 G Discrete graphics card family Intel Iris Xe Graphics On-operating vibration 0.3 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Weight & dimensions 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Bullt-in microphone ✓ Total carbon footprint (kg of CO2e)	Optical drive type *	×	Trusted Platform Module (TPM)	✓
Compatible memory cards MicroSDXC version Graphics Operating temperature (T-T) 0 - 35 °C Discrete GPU manufacturer NVIDIA Storage temperature (T-T) -40 - 65 °C Discrete GPU manufacturer NVIDIA RTX A500 Operating relative humidity (H-H) 10 - 90% Discrete graphics card memory 4 GB Storage relative humidity (H-H) 0 - 95% Discrete graphics memory type GDDR6 Operating altitude -15.2 - 3048 m On-board graphics card * ✓ Non-operating altitude -15.2 - 10668 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card family Intel Iris Xe Graphics Non-operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 0.66 G Audio Weight & dimensions ** Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Emberty (Fent) 2.08 cm <td>Card reader integrated</td> <td>✓</td> <td>Trusted Platform Module (TPM)</td> <td>2.0</td>	Card reader integrated	✓	Trusted Platform Module (TPM)	2.0
Graphics Operating temperature (T-T) 0 - 35 °C Discrete GPU manufacturer NVIDIA Storage temperature (T-T) -40 - 65 °C Discrete graphics card model * NVIDIA RTX A500 Operating relative humidity (H-H) 10 - 90% Discrete graphics card memory 4 GB Storage relative humidity (H-H) 0 - 95% Discrete graphics memory type GDDR6 Operating altitude -15.2 - 3048 m On-board graphics card * ✓ Non-operating altitude -15.2 - 10668 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Audio Weight & dimensions Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 2.33.3 mm Speakers manufacturer Waves Height (rear) 2.28 cm Speaker power 2 W Weight * 1.61 kg Built-in microphone 2 Carbon footprint Camera	Compatible memory cards			2.0
Discrete GPU manufacturer NVIDIA RTX A500 Operating relative humidity (H-H) 10 - 90% Discrete graphics card model * NVIDIA RTX A500 Operating relative humidity (H-H) 10 - 90% Discrete graphics card memory 4 GB Storage relative humidity (H-H) 0 - 95% Discrete graphics memory type GDDR6 Operating altitude -15.2 - 3048 m On-board graphics card * ✓ Non-operating altitude -15.2 - 10668 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Weight & dimensions * Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Carbon enissions, standard deviation (kg of CO2e) 327 Front camera ✓ Carbon emissions, snanufacturing (kg of CO2e) 2	Graphics		•	0 - 35 °C
Discrete graphics card memory Discrete graphics memory type Discrete graphics memory type Discrete graphics memory type Discrete graphics memory type Discrete graphics card * ✓ Non-operating altitude Operating shock Discrete graphics card * ✓ Non-operating shock Discrete graphics card family Discrete gra	Discrete GPU manufacturer	NVIDIA		
Discrete graphics memory type GDDR6 Operating altitude -15.2 - 3048 m On-board graphics card * ✓ Non-operating altitude -15.2 - 10668 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Weight & dimensions ** Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Weight * 1.61 kg Number of microphones 2 Carbon footprint 327 Front camera ✓ Carbon emissions, standard deviation (kg of CO2e) 68 Front camera resolution 1920 x 1080 pixels Carbon emissions, nanufacturing (kg of CO2e) 277	Discrete graphics card model *	NVIDIA RTX A500	Operating relative humidity (H-H)	10 - 90%
On-board graphics card * ✓ Non-operating altitude -15.2 - 10668 m On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Audio Weight & dimensions Number of built-in speakers 2 Depth 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speaker power 4 Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Weight * 1.61 kg Number of microphones 2 Carbon footprint 327 Front camera ✓ Carbon emissions, standard deviation (kg of CO2e) 68 Front camera resolution (numeric) 2.07 MP Carbon emissions, manufacturing (kg of CO2e) 277 Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e)	Discrete graphics card memory	4 GB	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer Intel Operating shock 110 G Discrete graphics card * ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model * Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Weight & dimensions Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Weight * 1.61 kg Camera Font camera ✓ Carbon footprint X Front camera resolution (numeric) 2.07 MP Carbon emissions, manufacturing (kg of CO2e) 277 Front camera resolution 1920 x 1080 pixels Carbon emissions, logistics (kg of CO2e) 12	Discrete graphics memory type	GDDR6	Operating altitude	-15.2 - 3048 m
Discrete graphics card ★ ✓ Non-operating shock 160 G On-board graphics card family Intel Iris Xe Graphics Operating vibration 0.66 G On-board graphics card model ★ Intel Iris Xe Graphics Non-operating vibration 1.3 G Audio Audio Weight & dimensions Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Weight ★ 1.61 kg Number of microphones 2 Carbon footprint Front camera ✓ Total carbon footprint (kg of CO2e) 327 Front camera resolution (numeric) 2.07 MP Carbon emissions, standard deviation (kg of CO2e) (kg of CO2e) 570 Front camera resolution 1920 x 1080 pixels (kg of CO2e) (kg of CO2e) 570 Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) 12	On-board graphics card *	✓		
On-board graphics card family	On-board GPU manufacturer	Intel		
On-board graphics card model * Intel Iris Xe Graphics Audio Audio Audio System MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone ✓ Weight * 1.61 kg Number of microphones 2 Carbon footprint Camera Front camera resolution (numeric) 2.07 MP Front camera resolution 1920 x 1080 pixels Full HD Non-operating vibration 1.3 G Weight & dimensions Width 357.8 mm Popth 233.3 mm 2.08 cm 2.08 cm Weight * 1.61 kg Total carbon footprint Total carbon footprint (kg of CO2e) 327 Total carbon emissions, standard deviation (kg of CO2e) Front camera resolution 1920 x 1080 pixels (kg of CO2e) Front camera HD type Full HD Carbon emissions, logistics (kg of Full HD Carbon emissions, logistics (kg of Full HD	Discrete graphics card *	✓		
AudioAudio systemMaxxAudioWidth357.8 mmNumber of built-in speakers2Depth233.3 mmSpeakers manufacturerWavesHeight (front)2.08 cmSpeaker power2 WHeight (rear)2.28 cmBuilt-in microphone✓Weight *1.61 kgNumber of microphones2Carbon footprintCameraTotal carbon footprint (kg of CO2e)327Front camera✓Total carbon emissions, standard deviation (kg of CO2e)68Front camera resolution (numeric)2.07 MPCarbon emissions, manufacturing (kg of CO2e)277Front camera resolution1920 x 1080 pixels(kg of CO2e)277Front camera HD typeFull HDCarbon emissions, logistics (kg of CO2e)12		•		
Audio system MaxxAudio Width 357.8 mm Number of built-in speakers 2 Depth 233.3 mm Speakers manufacturer Waves Height (front) 2.08 cm Speaker power 2 W Height (rear) 2.28 cm Built-in microphone Weight * 1.61 kg Number of microphones 2 Carbon footprint Camera Front camera Front camera resolution (numeric) 2.07 MP Front camera resolution 1920 x 1080 pixels (kg of CO2e) Front camera HD type Midth 357.8 mm 357.8 mm 233.3 mm Height (front) 2.08 cm 2 carbon footprint (kg of CO2e) 3.27 Total carbon footprint (kg of CO2e) 68 Carbon emissions, standard deviation (kg of CO2e) 77 Carbon emissions, manufacturing (kg of CO2e) 77 Carbon emissions, manufacturing (kg of CO2e) 77 Carbon emissions, logistics (kg of CO2e) 12	On-board graphics card model *	Intel Iris Xe Graphics		1.5 G
Number of built-in speakers Speakers manufacturer Waves Height (front) Height (rear) Weight * Carbon footprint Camera Front camera resolution (numeric) Front camera resolution 1920 x 1080 pixels Poepth Height (front) Height (front) Height (rear) Weight * Carbon footprint Carbon footprint Total carbon footprint (kg of CO2e) Total carbon emissions, standard deviation (kg of CO2e) Front camera resolution Front camera resolution Front camera HD type Full HD Depth 233.3 mm 2.08 cm Height (front) 2.28 cm Weight * Total carbon footprint Carbon footprint Carbon footprint Carbon emissions, standard deviation (kg of CO2e) Front camera resolution Front camera resolution Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Carbon emissions, logistics (kg of CO2e) Total carbon emissions, logistics (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Total carbon emissions, logistics (kg of CO2e) Total carbon emissions, logistics (kg of CO2e) Total carbon emissions, logistics (kg of CO2e)	Audio			
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Speaker power Speaker power Built-in microphone V Weight * 1.61 kg Number of microphones 2 Carbon footprint Total carbon footprint (kg of CO2e) Front camera Front camera resolution (numeric) Front camera resolution 1920 x 1080 pixels Front camera HD type Full HD Height (rear) Carbon footprint Total carbon footprint (kg of CO2e) Total carbon emissions, standard deviation (kg of CO2e) Carbon emissions, manufacturing (kg of CO2e) Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e) Total carbon emissions, logistics (kg of CO2e) Total carbon emissions, manufacturing (kg of CO2e)			•	
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Number of microphones 2 Camera Total carbon footprint (kg of CO2e) 327 Total carbon emissions, standard deviation (kg of CO2e) Front camera resolution (numeric) 2.07 MP Front camera resolution 1920 x 1080 pixels (kg of CO2e) Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) Carbon emissions, logistics (kg of CO2e) 12			-	
CameraTotal carbon footprint (kg of CO2e)327Front camera✓Total carbon emissions, standard deviation (kg of CO2e)68Front camera resolution (numeric)2.07 MPCarbon emissions, manufacturing (kg of CO2e)277Front camera resolution1920 x 1080 pixels(kg of CO2e)277Front camera HD typeFull HDCarbon emissions, logistics (kg of CO2e)12	•			1.01 kg
Front camera Front camera resolution (numeric) Front camera resolution (numeric) Front camera resolution 1920 x 1080 pixels Front camera HD type Full HD Total carbon emissions, standard deviation (kg of CO2e) Carbon emissions, manufacturing (kg of CO2e) Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) 12	Number of microphones	2	·	227
Front camera deviation (kg of CO2e) Front camera resolution (numeric) Front camera resolution 1920 x 1080 pixels Front camera HD type Full HD Carbon emissions, manufacturing (kg of CO2e) Carbon emissions, logistics (kg of CO2e) 12	Camera		,	
Front camera resolution (numeric) Front camera resolution Front camera resolution 1920 x 1080 pixels Carbon emissions, manufacturing (kg of CO2e) Carbon emissions, logistics (kg of CO2e) Carbon emissions, logistics (kg of CO2e) 12	Front camera	✓		68
Front camera resolution 1920 x 1080 pixels (kg of CO2e) Front camera HD type Full HD Carbon emissions, logistics (kg of CO2e) 1277 Carbon emissions, logistics (kg of CO2e)	Front camera resolution (numeric)	2.07 MP	-	277
CO20)		•	(kg of CO2e)	411
Video capturing speed 30 fps	- ·			12
	Video capturing speed	30 tps	00201	

Camera		Carbon footprint	
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg	36
Privacy camera	✓	of CO2e)	
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2
Network		Total carbon emissions, w/o use phase (kg of CO2e)	291
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	PAIA version	1 2 2
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	FAIA VEISIUII	1.3.2



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