

DELL Precision 3580 Intel® Core™ i7 i7-1370P Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: 4HRM7

Product name: 3580

- Windows 11 Pro 64-bit
- Intel Core i7-1370P (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX A500 (4GB GDDR6)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core i7-1370P (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA RTX A500 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Precision 3580 Intel® Core™ i7 i7-1370P Mobile workstation 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:

Great for 2D CAD, Design and Creative Applications

With intelligently optimized performance, the 3580 is a reliable workstation for entry-level design and creative applications.









Design		Network	
Product type * Product colour * Form factor *	Mobile workstation Grey Clamshell	Wi-Fi standards Mobile network connection *	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Intel® vPro™ Platform Eligibility	✓	Wi-Fi data rate (max)	2400 Mbit/s
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	WLAN controller model	Intel Wi-Fi 6E AX211
Display resolution *	1920 x 1080 pixels	WLAN controller manufacturer	Intel
Touchscreen *	×	Ethernet LAN	✓
HD type	Full HD	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth	✓
LED backlight	✓	WWAN	Upgradable
Native aspect ratio	16:9	MIMO	✓
Anti-glare screen	✓	MIMO type	Multi User MIMO
Display brightness	400 cd/m²	Ports & interfaces	
Pixel pitch	0.179 x 0.179 mm	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	_
Pixel density	141 ppi	ports quantity *	2
RGB colour space	sRGB	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Display response rise/fall	35 ms	HDMI version	2.0
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	800:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	USB Type-C
Processor family * Processor generation	Intel® Core™ i7 13th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-1370P	USB Power Delivery	✓
Processor cores	14	PowerShare	✓
Processor threads	20	Number of USB ports with PowerShare support	1

Processor bloods frequency 5.2 GHz Pointing device Touchpad (K English) Ferformance cares 6 Numeric Reysoad* √	Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache Processor cache type Processor base power Maximum turbo power Internal memory * Internal memory type Memory form factor Memory Iayout (slots x size) Memory slots Memory slots Memory data transfer rate Non-ECC Storage Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed SSD interface NVMe SSD form factor M.2 SLOHZ SUBA SU	Pointing device Keyboard language Numeric keypad * Keyboard backlit Keyboard number of keys Software Operating system architecture	UK English
Refrontance cores	Performance cores 6 Efficient cores 8 Performance-core Max Turbo Frequency 5.2 GHz Efficient-core Max Turbo Frequency 3.9 GHz Processor cache 24 MB Processor cache type Smart Cache Processor base power 28 W Maximum turbo power 64 W Memory Internal memory * 32 GB Internal memory type DDR5-SDRAM Memory form factor SO-DIMM Memory layout (slots x size) 2 x 16 GB Memory slots 2x SO-DIMM Maximum internal memory * 64 GB Memory data transfer rate 5200 MT/s Non-ECC	Keyboard language Numeric keypad * Keyboard backlit Keyboard number of keys Software Operating system architecture	UK English
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Performance-core Max Turbo Frequency 5.2 Git2 Keyboard number of keys 100 Efficiency Forecastor cache Max Turbo Frequency 3.9 Git2 Keyboard number of keys 100 Efficiency Concessor Cache Max Turbo Frequency 24 M8 Software Processor Cache Lype Smart Cache Operating system Insignate 64-bit Processor Cache Lype Smart Cache Operating system Insignate 64-bit Memory Modernory 123 GB Operating system Insignate 64-bit Memory Immory DDRS-SDRAM But determined Windows 11 Pro Memory Jobs 2x 16 GB Battery Company 10 Months 12 Pro Memory Jobs 2x 16 GB Battery Company 11 A.V Memory Jobs 45 GB Battery Capacity 54 Wh Memory Jobs 2x 16 GB Battery Capacity 11 A.V Storage 1 TB A.C adapter prower 130 W Total storage capacity* 1 TB A.C adapter prower 500 W Total storage capacity 1 TB A.C adapter prower 500 W Total st	Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache Processor cache type Processor base power Maximum turbo power Memory Internal memory * Internal memory type DDR5-SDRAM Memory form factor Memory slots Memory slots Memory data transfer rate Non-ECC Storage Total storage capacity * Total SSDs capacity Number of SSDs installed SSD capacity SSD form factor NVMe SSD form factor S.2 GHz AB BA BA BA BA BA BA BA BA B	Keyboard backlit Keyboard number of keys Software Operating system architecture	100
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Efficience or Max Turbo Frequency 3.9 GHz Software Processor cache (type) Smart Cache Operating system architecture 64-bit Processor cache (type) 28 W Operating system language 64-bit Maximum turbo power 64 W Processor passe power 28 W Operating system installed 40 Microsoft Office Junion of Internal memory* 32 GB Microsoft Office Junion of Internal memory* 46 W Microsoft Office Junion of Internal memory* 40 Microsoft Office Junion of Internal memory* 46 GB Battery Lithium-land (Lition)	Efficient-core Max Turbo Frequency Processor cache Processor cache type Processor base power Processor base power Maximum turbo power Memory Internal memory * Internal memory type Memory form factor Memory slots Memory slots Memory data transfer rate Non-ECC Storage Total storage capacity * Total SSDs capacity Number of SSDs installed SSD interface NVMe SSD form factor 1. 9. 9 GHz Smart Cache Pand MB Memory Cache Sam W DR5-SDRAM SBD Gapacity A 1 GB A 64 GB A 7 B SSD Gapacity A 1 TB SSD capacity A 1 TB SSD interface PCI Express 4.0 NVMe SSD form factor M.2	Software Operating system architecture	
Processor cache 24 MB Software Processor cache type Smart Cache Operating system language 64-bit Processor base power 28 W Operating system language German, Dutch, English, French, Intalian Maximum turbo power 4 W Trial software 30 day Trial ofform Memory 32 GB Operating system installed Windows \$1 Pro Internal memory type DDR-S SDRAM Builded software Windows \$1 Pro Memory layout (slots s size) 2 x 16 GB Battery Lithum-Ino (LI-Ion) Memory Bayout (slots s size) 2 x 16 GB Battery sechnology LIthum-Ino (LI-Ion) Maximum internal memory 64 GB Battery sechnology LIThum-Ino (LI-Ion) Maximum internal memory 54 GB Battery sechnology LIThum-Ino (LI-Ion) Mon-ECC 7 CB Battery sechnology LIThum-Ino (LI-Ion) Mon-ECC 7 CB Battery sechnology LIThum-Ino (LI-Ion) Storage 1 TB AC adapter frequency 3 h Storage 1 TB AC adapter frequency 3 NOB	Processor cache Processor cache type Processor base power Processor base power Maximum turbo power Memory Internal memory * Internal memory type Memory form factor Memory layout (slots x size) Memory slots Memory slots Memory data transfer rate Non-ECC Storage Total storage capacity * Total SSDs capacity Number of SSDs installed SSD interface NVMe SSD form factor Public Maximum internal Smart Cache Shart All W SSD GB Total W SSD Interface PCI Express 4.0 M.2	Operating system architecture	64-bit
Processor base power 28 W Operating system language Intalian Maximum turbo power 64 W Final software No Microsoft Office License included No Microsoft Office License No Microsoft Office License included No Microsoft Office License No Micros	Processor base power 28 W Maximum turbo power 64 W Memory Internal memory * 32 GB Internal memory type DDR5-SDRAM Memory form factor SO-DIMM Memory layout (slots x size) 2 x 16 GB Memory slots 2x SO-DIMM Maximum internal memory * 64 GB Memory data transfer rate 5200 MT/s Non-ECC Storage Total storage capacity * 1 TB Storage media * SSD Total SSDs capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD interface PCI Express 4.0 NVMe SSD form factor M.2		64-bit
Italian Maximum turbo power 64 W	Maximum turbo power64 WMemory32 GBInternal memory *32 GBInternal memory typeDDR5-SDRAMMemory form factorSO-DIMMMemory layout (slots x size)2 x 16 GBMemory slots2x SO-DIMMMaximum internal memory *64 GBMemory data transfer rate5200 MT/sNon-ECC✓StorageTotal storage capacity *1 TBStorage media *SSDTotal SSDs capacity1 TBNumber of SSDs installed1SSD capacity1 TBSSD interfacePCI Express 4.0NVMe✓SSD form factorM.2	Operating system language	
Momeny 64 W Frial software Include Memony Memony Trial software 30 day Trial Offer Only Windows 1 Pro Internal memory 1 bye DBRS-SDRAM Bundled software Windows 1 Pro Windows 5 System Driver Memory layout (slots x size) 2 x 16 GB Battery echnology Lithium-Ion (II-Ion) Memory softs 2 x 50 DIMM Number of battery cells 3 Memory data transfer rate 5200 NT/Is Battery voltage 11.4 V Memory data transfer rate 5200 NT/Is Battery voltage 11.4 V Storage Battery voltage 11.4 V Storage media * 55D AC adapter power 130 W Storage media * 55D AC adapter power 130 W Total Storage capacity 1 TB AC adapter power 130 W Storage 1 TB AC adapter power 130 W Storage media * 55D AC adapter power 130 W Storage transfer act AC adapter power 130 W Storage transfer act AC adapter power 130 W </td <td>MemoryInternal memory *32 GBInternal memory typeDDR5-SDRAMMemory form factorSO-DIMMMemory layout (slots x size)2 x 16 GBMemory slots2x SO-DIMMMaximum internal memory *64 GBMemory data transfer rate5200 MT/sNon-ECC✓StorageTotal storage capacity *1 TBStorage media *SSDTotal SSDs capacity1 TBNumber of SSDs installed1SSD capacity1 TBSSD interfacePCI Express 4.0NVMe✓SSD form factorM.2</td> <td>- p</td> <td></td>	MemoryInternal memory *32 GBInternal memory typeDDR5-SDRAMMemory form factorSO-DIMMMemory layout (slots x size)2 x 16 GBMemory slots2x SO-DIMMMaximum internal memory *64 GBMemory data transfer rate5200 MT/sNon-ECC✓StorageTotal storage capacity *1 TBStorage media *SSDTotal SSDs capacity1 TBNumber of SSDs installed1SSD capacity1 TBSSD interfacePCI Express 4.0NVMe✓SSD form factorM.2	- p	
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Memory slots 2x 50-DIMM Number of battery cells 3 Memory data transfer rate 54 GB Battery voltage 11.4 V Mon-ECC V Battery voltage 11.4 V Mon-ECC V Battery weight 220 g Total storage capacity * 1 TB Power 20 g Total storage capacity * 1 TB AC adapter power 130 W Total SDS capacity 1 TB AC adapter frequency 5006 Hz Number of SSDs installed 1 AC adapter input voltage 100 - 240 V SSD capacity 1 TB USB charging current 6.5 A SSD standarde PCI Express 4.0 USB charging current 6.5 A NVM V Security 6.5 A SSD performance class 35 Cable lock slot V SD performance class 35 Cable lock slot V Compatible memory cards MicroSD (TransFlash), MicroSDHC Trusted Platform Module (TPM) V Compatible memory cards MicroSDX Trusted Platform Module (TPM) V <td>Maximum internal memory * 64 GB Memory data transfer rate 5200 MT/s Non-ECC Storage Total storage capacity * 1 TB Storage media * SSD Total SSDs capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD capacity 1 TB SSD interface PCI Express 4.0 NVMe ✓ SSD form factor M.2</td> <td>•</td> <td>Lithium-lon (Li-lon)</td>	Maximum internal memory * 64 GB Memory data transfer rate 5200 MT/s Non-ECC Storage Total storage capacity * 1 TB Storage media * SSD Total SSDs capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD capacity 1 TB SSD interface PCI Express 4.0 NVMe ✓ SSD form factor M.2	•	Lithium-lon (Li-lon)
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Total storage capacity* 1TB	Total storage capacity * 1 TB Storage media * SSD Total SSDs capacity 1 TB Number of SSDs installed 1 SSD capacity 1 TB SSD interface PCI Express 4.0 NVMe ✓ SSD form factor M.2	· -	3 h
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SSD capacity 1 TB VSB charging voltage 20,5 V SSD interface PCI Express 4.0 USB charging current 6.5 A NVMe V SSD form factor M.2 SSD performance class 35 Optical drive type * Card reader integrated	SSD interface PCI Express 4.0 NVMe SSD form factor M.2		•
SSD interface PCI Express 4.0 USB charging current 6.5 A NVMMe	NVMe SSD form factor M.2		
NVMe SSD performance class 35 Cable lock slot Cable lock slot Version Smart card reader Version Versio	SSD form factor M.2		
SSD performance class 35 Optical drive type * X Carble lock slot			
Cable lock slot type Wedge Card reader integrated Compatible memory cards MicroSD (TransFlash), MicroSDHC, MicroSDXC Graphics Discrete GPU manufacturer NVIDIA Discrete graphics card model NVIDIA RTX A500 Nor-board graphics card memory GDDR6 On-board graphics card Operating altitude On-board graphics card On-board graphics card family Intel Iris Xe Graphics On-board graphics card model Intel Iris Xe Graphics Non-operating slittude On-board graphics card model Intel Iris Xe Graphics On-board graphics card model Net Iris Xe Graphics On-board graphics card family Intel Iris Xe Graphics On-board graphics card model Net Iris Xe Graphics On-board graphics card family Net Iris Xe Graphics Operating shock 160 G Operating vibration 0.66 G Non-operating vibration 0.66 G Non-operating vibration 1.3 G Audio system NaxxAudio Weight & dimensions Weight & dimensions Version Carbon footprint Total carbon footprint Total carbon footprint Total carbon footprint Total carbon emissions (Standard deviation) Orabon emissions (Indistics) 277 kg of CO2e Total carbon emissions (Indistics) 277 kg of CO2e Total carbon emissions (Indistics) 277 kg of CO2e	CCD norformance class	•	
Smart card reader Card reader integrated MicroSD (TransFlash), MicroSDHC, MicroSDHC, MicroSDHC, MicroSDNC Graphics Discrete GPU manufacturer Discrete graphics card model * NVIDIA Discrete graphics card memory Discrete graphics card memory Discrete graphics memory type On-board graphics card * ✓ On-board graphics card family Discrete graphics card family Discrete graphics card * ✓ On-board graphics card * ✓ On-board graphics card family Discrete graphics card family Discrete graphics card * ✓ On-board graphics card * ✓ On-board graphics card * ✓ On-board graphics card family Discrete graphics card * ✓ On-board graphics card family Discrete graphics			
Compatible memory cards MicroSDXC Trusted Platform Module (TPM) 2.0 Deption Series erableted Platform Module (TPM) To - 35 °C Operating temperature (T-T) Operating relative humidity (H-H) Operating relative humidity (H-H) Operating relative humidity (H-H) Operating altitude -15.2 - 3048 m Non-operating altitude -15.2 - 3048 m Non-operating shock 110 G Operating shock 110 G Operating shock 110 G Operating shock 110 G Operating shock 12 Operating shock 13 G Weight & dimensions Weight & dimensions Weight & dimensions Weight & dimensions Weight (Front) 2.08 cm Non-operating vibration 2.08 cm Non-o		- · ·	•
Graphics Discrete GPU manufacturer Discrete graphics card model * NVIDIA RTX A500 Discrete graphics card momory to 4 GB Discrete graphics card memory be CDDR6 On-board graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Storage relative humidity (H-H) Discrete graphics card * ✓ Operating altitude Discrete graphics card * ✓ Operating altitude Discrete graphics card * ✓ Operating altitude Discrete graphics card * ✓ Operating shock Discrete graphics card family Discrete graphics Discrete gra	•		
Discrete GPU manufacturer NVIDIA Operational conditions			
Discrete GPU manufacturer NVIDIA Discrete graphics card model * NVIDIA RTX A500 Discrete graphics card memory 4 GB Discrete graphics memory type Discrete graphics memory type On-board graphics card *		, ,	2.0
Discrete graphics card model * NVIDIA RTX A500 Operating temperature (T-T)	·	Operational conditions	
Discrete graphics card memory 4 GB Discrete graphics memory type GDDR6 Operating relative humidity (H-H) Operating altitude Operating altitude Operating altitude Operating shock On-board graphics card * On-board graphics card family Intel Iris Xe Graphics On-board graphics card family On-board graphics card family Intel Iris Xe Graphics On-board graphics card family Intel Iris Xe Graphics Non-operating shock Operating shock Intel Operating shock Operating shock Operating shock Intel Operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Intel Operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Intel Operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration Intel Operating vibration Non-operating vibration Non-operat		Operating temperature (T-T)	0 - 35 °C
Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card family On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics On-operating shock Operating vibration On-operating vibrati			-40 - 65 °C
On-board graphics card *		Operating relative humidity (H-H)	10 - 90%
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 family On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics On-board graphics card model * Intel Iris Xe Graphics On-operating shock Operating shock Operating shock If 0 G Operating shock Ope		Storage relative humidity (H-H)	0 - 95%
On-board graphics card family Intel Iris Xe Graphics Operating shock 110 G On-board graphics card model * Intel Iris Xe Graphics Non-operating shock 160 G Operating vibration 0.66 G Non-operating vibration 1.3 G Audio Weight & dimensions Weight & dimensions Weight & dimensions Weight (front) 233.3 mm Weight (front) 2.08 cm Number of microphones 2 Height (rear) 2.28 cm Weight * 1.61 kg Carbon footprint Front camera resolution (numeric) 2.07 MP Front camera resolution 1920 x 1080 pixels Front camera HD type Full HD Video capturing speed 30 fps Operating shock 110 G Non-operating shock 160 G Non-operating vibration 0.66 G Non-operating vibration 0.66 G Non-operating shock 160 G Non-operating vibration 180 G Non-operating shock 160 G Non-operating vibration 180 G Non-o		Operating altitude	-15.2 - 3048 m
On-board graphics card model * Intel Iris Xe Graphics Audio Audio Audio System Audio System Audio System Non-operating vibration Non-operating vibration Non-operating vibration Non-operating vibration 1.3 G Weight & dimensions Width Speakers manufacturer Waves Speaker power Speaker power Built-in microphone Number of microphones 2 Height (front) Loan Gamera Front camera Front camera Front camera resolution (numeric) 1.2 O7 MP Front camera resolution 1920 x 1080 pixels Front camera HD type Video capturing speed Non-operating shock 160 G Operating vibration 0.66 G Non-operating vibration 1.3 G Weight & dimensions # Height (front) 2.08 cm Weight (rear) 2.28 cm Weight * 1.61 kg Carbon footprint Total carbon footprint 327 kg of CO2e 68 kg of CO2e Front camera HD type Full HD Carbon emissions (Manufacturing) 277 kg of CO2e Carbon emissions (Jogistics) 12 kg of CO2e	Discrete graphics card * ✓		
Audio Audio system Audio system Number of built-in speakers Speakers manufacturer Speaker power Built-in microphone Number of microphones Camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed MaxxAudio Non-operating vibration Non-operating vibration Non-operating vibration 1.3 G Addie Meight & dimensions Weight & dimensions Width 357.8 mm 233.3 mm 4 Height (front) 2.08 cm Weight * Carbon footprint Total carbon footprint Total carbon footprint 327 kg of CO2e 68 kg of CO2e Carbon emissions (Manufacturing) 277 kg of CO2e Carbon emissions (Manufacturing) 277 kg of CO2e	On-board graphics card family Intel Iris Xe Graphics		
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Built-in microphone		Width	357.8 mm
Number of microphones 2 Height (rear) 2.28 cm Camera Front camera resolution (numeric) 2.07 MP Front camera resolution 1920 x 1080 pixels Front camera HD type Front camera HD type Video capturing speed Front camera resolution 30 fps Height (rear) 2.28 cm Weight * 1.61 kg Carbon footprint Total carbon footprint 327 kg of CO2e Total carbon emissions (Standard deviation) Carbon emissions (Manufacturing) 277 kg of CO2e Carbon emissions (Logistics) 12 kg of CO2e		·	
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Video capturing speed 30 fps Carbon emissions (Logistics) 12 kg of CO2e	Front camera HD type Full HD		
Infrared (IP) camera	Video capturing speed 30 fps		_
Carbon emissions (IIse) 36 kg of CO2e	Infrared (IR) camera ✓	(arhon emissions (I odietics)	12 kg of CO2≏
Privacy camera Carbon emissions (End-of-Life) 2 kg of CO2e	· · · · · · · · · · · · · · · · · · ·		
Privacy type Privacy shutter California (End of Ene) 2 kg of 6026	Privacy type Privacy shutter	Carbon emissions (Logistics) Carbon emissions (Use) Carbon emissions (End-of-Life)	12 kg of CO2e 36 kg of CO2e 2 kg of CO2e

Network		Carbon footprint	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Total carbon emissions (w/o Use phase)	291 kg of CO2e
		PAIA version	1.3.2



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