TERRA MOBILE 1552 Intel Core Ultra 7 155U Laptop 38.9 cm (15.3") WUXGA 16 GB DDR5-SDRAM 500 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Silver German



Brand : TERRA

Product code: 1220880

Product name : MOBILE 1552

TERRA MOBILE 1552. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. Display diagonal: 38.9 cm (15.3"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 500 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.75 kg



Design	
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Aluminium

Display	
Display diagonal *	38.9 cm (15.3")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display diagonal (metric)	38.9 cm

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155U
Processor cores	12
Processor threads	14
Processor boost frequency	4.8 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	2.1 GHz
Performance-core base frequency	1.7 GHz
Efficient-core base frequency	1.2 GHz

Storage	
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Camera	
Front camera	✓
Front camera resolution (numeric)	2 MP
Privacy camera	✓
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✓
Ethernet LAN data rates	1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1

Processor	
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	15 W
Maximum turbo power	57 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	OpenVINO, Windows ML, DirectML, ONNX RT
NPU performance up to	11 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Storage	
Total storage capacity *	500 GB
Storage media *	SSD
Total SSDs capacity	500 GB
Number of SSDs installed	1
SSD capacity	500 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2

Ports & interfaces	
HDMI version	1.4b
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔

Keyboard	
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard language	German

Software	
Operating system installed *	Windows 11 Pro

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	73 Wh
Battery life (max)	15 h

Power	
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Weight & dimensions	
Width	338.5 mm
Depth	239.4 mm
Height	19.9 mm
Weight *	1.75 kg

Packaging content	
AC adapter included *	✔
Cables included	AC

Other features	
Slot type	2 x M.2 2280 SSD, PCIe Gen4x4 Interface
Locale	German

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