TERRA MOBILE 1542 Intel® Core™ i7 i7-6700T Laptop 39.6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 240 GB SSD Windows 10 Pro Black

Brand : TERRA   **Product family:** TERRA MOBILE   **Product code:** UK1220530

Product name : 1542

Intel Core i7-6700T Processor 8MB Cache, up to 3.60 GHz, 8GB DDR3L, 240GB SSD, Intel HD Graphics 530, 15.6" 1920 x 1080 FHD, DVD RW, Gigabit LAN, WiFi, Winodws 10 Pro

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3rd generation TERRA Business Notebook with Docking Solution! The strong and professional solution for all business customers.

The Intel Core processor of the 6th generation, in combination with the extremely fast SSD storage, provides you with great availability and high performance for mobile and office use. Thanks to the versatile extensions, the TERRA Mobile 1542 can also be equipped with an additional HDD or SSD.

Go online wherever you want! In addition to the storage extension and the integrated Wifi / Bluetooth module, the TERRA Mobile 1542 can also be equipped with the optional 4G module.

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6700T
Processor cores	4
Processor threads	8
Processor boost frequency	3.6 GHz
Processor frequency *	2.8 GHz
System bus rate	8 GT/s
Processor cache	8 MB
Processor cache type	Smart Cache
Processor socket	LGA 1151 (Socket H4)
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-6700 Desktop series
Processor codename	Skylake

Ports & interfaces

DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
Microphone in	✔
Docking connector	✔

Performance

Motherboard chipset	Intel® H170

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Full-size keyboard	✔

Software

Pre-installed software	Microsoft Office 365
Operating system installed *	Windows 10 Pro

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔

Processor

Bus type	DMI3
Stepping	R0
Thermal Design Power (TDP)	35 W
Tcase	66 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR3L-SDRAM
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	240 GB
Storage media *	SSD
Number of HDDs installed	1
Number of SSDs installed	1
SSD capacity	240 GB
SSD interface	SATA III
Optical drive type *	DVD±RW
Card reader integrated	✔

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	1.74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1912

Audio

Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1 MP

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1

Processor special features

Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
Processor code	SR2BU
Scalability	1S
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Thermal solution specification	PCG 2015A
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	88200
Conflict-Free processor	✔

Power

DC-in jack	✔

Security

Fingerprint reader	✔

Weight & dimensions

Width	382 mm
Depth	259 mm
Height	329 mm
Weight *	2.5 kg

Ports & interfaces

HDMI ports quantity *   1

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