

## TERRA MOBILE 1513S Intel® Core™ i3 i3-6100U Laptop 39.6 cm (15.6") 4 GB DDR3L-SDRAM 240 GB SSD Windows 10 Home Black

**Brand :** TERRA

**Product family:** TERRA MOBILE **Product code:** FR1220499

**Product name :** 1513S

TERRA MOBILE 1513S. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-6100U, Processor frequency: 2.3 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 240 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product color: Black



Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Home
Product color *	Black	<b>Processor special features</b>	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	39.6 cm (15.6")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✗
Touchscreen *	✗	Intel® Smart Response Technology	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display surface	Matt	Intel® Turbo Boost Technology	✗
Processor		Intel® Small Business Advantage (Intel® SBA)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	6th gen Intel® Core™ i3	Intel Clear Video Technology	✓
Processor model *	i3-6100U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor frequency *	2.3 GHz	Intel Flex Memory Access	✓
System bus rate	4 GT/s	Intel® Smart Cache	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i3-6100 series		
Processor codename	Skylake		
Bus type	QPI		
FSB Parity	✗		

Processor		Processor special features	
Stepping	D1	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	7.5 W	Intel Demand Based Switching	✗
Configurable TDP-down frequency	0.8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x4, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	4 GB	Execute Disable Bit	✓
Internal memory type	DDR3L-SDRAM	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 X 24 mm
Total storage capacity *	240 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage media *	SSD	Processor code	SR2EU
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	240 GB	Embedded options available	✓
SSD interface	SATA III	Graphics & IMC lithography	14 nm
Optical drive type *	DVD±RW	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	Not available	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	1.00
On-board graphics card model *	Intel® HD Graphics 520	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Intel Dual Display Capable Technology	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Intel FDI Technology	✗
Maximum on-board graphics card memory	1.74 GB	Intel Rapid Storage Technology	✗
On-board graphics card DirectX version	12.0	Intel Fast Memory Access	✗
On-board graphics card OpenGL version	4.4	Processor ARK ID	88180
On-board graphics card ID	1916	Conflict-Free processor	✓
Camera		Battery	
Front camera	✓	Battery technology	Lithium-Ion (Li-Ion)
Front camera resolution (numeric)	1 MP	Battery life (max)	6 h
Network		Power	
Wi-Fi	✓	DC-in jack	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Security	
Ethernet LAN	✓	Cable lock slot	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Cable lock slot type	Kensington
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	374 mm
Ports & interfaces		Depth	250 mm
USB 2.0 ports quantity *	2	Height	25 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight *	2.1 kg
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		

**Ports & interfaces**

Headphone outputs	1
Microphone in	✓
Docking connector	✗



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