## ₽TlA

## T1A Latitude E5450 Refurbished Intel® Core™ i5 i5-5300U Laptop 35.6 cm (14") Full HD 8 GB DDR3L-SDRAM 240 GB SSD Windows 10 Pro Black

Brand: T1A Product code: L-E5450-UK-T004

Product name: Latitude E5450 Refurbished

- Windows 10 Pro 64-bit
- Intel Core i5-5300U (3MB Cache, 2.3GHz)
- 35.6 cm (14") Full HD 1920 x 1080
- 8GB (1600MHz) DDR3L-SDRAM & 240GB SSD

Intel Core i5-5300U (3MB Cache, 2.3GHz), 8GB DDR3L-SDRAM, 240GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel HD Graphics 5500, LAN, WLAN, Windows 10 Pro 64-bit

T1A Latitude E5450 Refurbished. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-5300U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 240 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 10 Pro. Product colour: Black











Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 10 Pro
Form factor *	Clamshell	Processor special features	
Refurbished	✓	Intel® Wireless Display (Intel®	
Display		WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® Smart Response Technology	✓
Display resolution * Touchscreen *	1920 x 1080 pixels	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	Full HD	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	2.0
Native aspect ratio Display brightness	16:9 300 cd/m²	Intel® Small Business Advantage (Intel® SBA)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology	,
Processor family *	Intel® Core™ i5	(Intel® CVT HD)	*
Processor generation	5th gen Intel® Core™ i5	Intel Clear Video Technology	✓
Processor model *	i5-5300U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor boost frequency	2.9 GHz	Intel Flex Memory Access	✓
Processor frequency *	2.3 GHz	Intel® Smart Cache	✓
System bus rate	5 GT/s	Intel® AES New Instructions (Intel®	1
Processor cache	3 MB	AES-NI)	•
Processor cache type	L3	Intel Trusted Execution Technology	✓
Processor socket	BGA 1168	Intel Enhanced Halt State	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	32-bit, 64-bit	Intel® Secure Key	✓
Processor series	Intel® Core™ i5-5300 Mobile Series	Intel TSX-NI	✓

D		D	
Processor		Processor special features	
Processor codename	Broadwell	Intel Stable Image Platform Program (SIPP)	✓
Bus type	DMI2	Intel® OS Guard	1
Stepping Thermal Design Power (TDP)	F0 15 W	Intel® Clear Video Technology for	
Configurable TDP-down	7.5 W	Mobile Internet Devices (Intel CVT	✓
Configurable TDP-down frequency	0.6 GHz	for MID)	,
Tjunction	105 °C	Intel 64 Execute Disable Bit	1
Maximum number of PCI Express		Idle States	1
lanes	12	Thermal Monitoring Technologies	1
PCI Express slots version	2.0	Processor package size	40 x 24 x 1.3 mm
PCI Express configurations	4x1, 2x4	Supported instruction sets	AVX 2.0
Memory		Processor code	SR23X
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type	DDR3L-SDRAM	Embedded options available	×
Memory clock speed	1600 MHz	Graphics & IMC lithography	14 nm
Memory form factor	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Identity Protection Technology	
Maximum internal memory *	16 GB	version	1.00
Storage		Intel Smart Response Technology	1.00
Total storage capacity *	240 GB	version	
Storage media *	SSD	Intel Stable Image Platform Program (SIPP) version	1.00
Total SSDs capacity	256 GB	Intel Secure Key Technology version	1.00
Number of SSDs installed	1	Intel Small Business Advantage	
SSD capacity	240 GB	(SBA) version	1.00
Optical drive type *	×	Intel TSX-NI version	1.00
Card reader integrated	V	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel FDI Technology	<b>√</b>
Discrete graphics card model *	Not available	Intel Fast Memory Access	<b>V</b>
On-board graphics card *	√ Intel	Processor ARK ID	85213
On-board GPU manufacturer Discrete graphics card *	Intel	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 5500	Battery	
On-board graphics card base	·	Battery technology	Lithium Polymer (LiPo)
frequency	300 MHz	Power	, - , -,
On-board graphics card dynamic	900 MHz		E0/60 H-
frequency (max)  Maximum on-board graphics card		AC adapter frequency AC adapter input voltage	50/60 Hz 100 - 240 V
memory	16 GB	AC adapter input voltage  AC adapter output voltage	19.5 V
On-board graphics card DirectX	11.2		
version		Security	
On-board graphics card ID	0x1616	Cable lock slot	✓
Audio			
		Password protection	✓
Audio system	MaxxAudio	Operational conditions	<b>√</b>
Speakers manufacturer	Waves	Operational conditions Operating temperature (T-T)	0 - 35 °C
Speakers manufacturer Speaker power	Waves 2 W	Operational conditions Operating temperature (T-T) Storage temperature (T-T)	0 - 35 °C -40 - 65 °C
Speakers manufacturer	Waves	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	0 - 35 °C -40 - 65 °C 10 - 90%
Speakers manufacturer Speaker power	Waves 2 W	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95%
Speakers manufacturer Speaker power Built-in microphone	Waves 2 W	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection *	Waves 2 W ✓	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN	Waves 2 W  ✓  ×	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates	Waves 2 W  ✓  ×  10,100,1000 Mbit/s	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth	Waves 2 W  ✓  ×	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates	Waves 2 W  ✓  ×  10,100,1000 Mbit/s	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A	Waves 2 W  ✓  ×  10,100,1000 Mbit/s	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width Depth	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	Waves 2 W ✓  10,100,1000 Mbit/s ✓	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports	Waves 2 W	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width Depth Height (rear)	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity *	Waves 2 W ✓  10,100,1000 Mbit/s ✓	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width Depth Height (rear)	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G
Speakers manufacturer Speaker power Built-in microphone  Network  Wi-Fi Mobile network connection * Ethernet LAN Ethernet LAN data rates Bluetooth  Ports & interfaces  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports	Waves 2 W	Operational conditions Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Weight & dimensions Width Depth Height (rear)	0 - 35 °C -40 - 65 °C 10 - 90% 5 - 95% 0 - 3048 m 0 - 10668 m 110 G 160 G

## Ports & interfaces

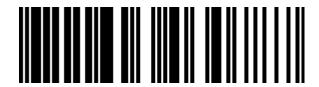
Charging port type DC-in jack
PowerShare ✓

Number of USB ports with PowerShare support 1

Keyboard

Keyboard language UK English

Numeric keypad \*



5711603030787

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.