



Lenovo ThinkPad T460s i5-6300U Notebook 35.6 cm (14") Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 20FA003HFR-06

Product name : T460s

Intel Core i5-6300U (3M Cache, 2.4 GHz), 8GB DDR4 2133MHz, 256GB SSD, 14" LED WQHD (2560x1440) IPS, Intel HD Graphics 520, Wi-Fi 802.11 ac/abgn, Gigabit Ethernet, Bluetooth 4.1, Windows 10 Pro
Lenovo ThinkPad T460s. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-6300U, Processor frequency: 2.4 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Pro. Product colour: Black. Weight: 1.36 kg



Design		Keyboard	
Product type *	Notebook	Pointing device	ThinkPad UltraNav
Product colour *	Black	Numeric keypad *	✗
Form factor *	Clamshell	Spill-resistant keyboard	✓
Housing material	Carbon fibre, Magnesium, Plastic	Windows keys	✓
Display		Software	
Display diagonal *	35.6 cm (14")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Pre-installed software	Microsoft Office
Panel type	IPS	Trial software	McAfee LiveSafe
LED backlight	✓	Operating system installed *	Windows 10 Pro
Native aspect ratio	16:9	Processor special features	
Display surface	Matt	Intel Wireless Display (WiDi) Technology	✓
Contrast ratio (typical)	700:1	Intel My WiFi Technology	✓
Processor		Intel® Smart Response Technology	✓
Processor manufacturer *	Intel	Intel Identity Protection Technology	✓
Processor generation	6th gen Intel® Core™ i5	Intel Hyper-Threading Technology	✓
Processor *	i5-6300U	Intel Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✓
Processor frequency *	2.4 GHz	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3 GHz	Intel Clear Video HD Technology	✓
Processor number of cores	2	Intel Clear Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
System bus data transfer rate	4 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	LGA 1356 (Socket B2)	Intel® Smart Cache	✓
Processor lithography	14 nm	Intel AES New Instructions	✓
Processor operating modes	64-bit	Intel Trusted Execution Technology	✓
Processor series	Intel® Core™ i5-6300 Mobile Series	Intel Enhanced Halt State	✓
Processor codename	Skylake	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	QPI	Intel® Secure Key	✓
Stepping	D1	Intel TSX-NI	✓
Thermal Design Power (TDP)	15 W	Intel Stable Image Platform Program (SIPP)	✓
Configurable TDP-up frequency	2.5 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7.5 W		

Processor		Processor special features	
Configurable TDP-down frequency	0.8 GHz	Intel® OS Guard	✓
Tjunction	100 °C	Intel Software Guard Extensions (Intel SGX)	✓
Maximum number of PCI Express lanes	12	Intel Clear Video Technology for MID	✓
PCI Express slots version	3.0	Intel 64	✓
PCI Express configurations	1x4, 4x1	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	8 GB	Processor package size	42 X 24 mm
Internal memory type	DDR4-SDRAM	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Memory clock speed	2133 MHz	Processor code	SR2F0
Memory form factor	On-board + SO-DIMM	CPU configuration (max)	1
Memory slots	1x SO-DIMM	Embedded options available	✓
Maximum internal memory *	24 GB	Graphics & IMC lithography	14 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	256 GB	Intel Identity Protection Technology version	1.00
Storage media *	SSD	Intel Smart Response Technology version	1.00
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP) version	1.00
Solid-state drive capacity	256 GB	Intel Secure Key Technology version	1.00
Optical drive type *	✗	Intel Small Business Advantage (SBA) version	1.00
Card reader integrated	✓	Intel TSX-NI version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	88190
On-board graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 520	Number of battery cells	3+3
On-board graphics card base frequency	300 MHz	Battery life (max)	10.5 h
On-board graphics card dynamic frequency (max)	1000 MHz	Energy Management	
Maximum on-board graphics card memory	1.74 GB	AC adapter power	65 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.4	AC adapter input voltage	100 - 240 V
On-board graphics card ID	1916	Security	
Audio		Cable lock slot	✓
Audio chip	Realtek ALC3245	Trusted Platform Module (TPM)	✓
Audio system	Dolby Home Theater	Password protection	✓
Number of built-in speakers	2	Password protection type	HDD, Power on, Supervisor
Speaker power	1 W	Certificates	
Built-in microphone	✓	Certification	GREENGUARD, MIL-STD-810G
Camera		Sustainability	
Front camera	✓	Sustainability certificates	RoHS, ENERGY STAR
Front camera resolution (numeric)	1 MP	Weight & Dimensions	
Front camera resolution	1280 x 720 pixels	Width	331 mm
Front camera signal format	720p	Depth	226.8 mm
Front camera HD type	HD	Height (front)	1.69 cm
Network		Height (rear)	1.88 cm
Wi-Fi	✓	Weight *	1.36 kg
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Packaging Content	
Ethernet LAN connection	✓	Manual	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Warranty card	✓
Bluetooth	✓	Power cord included	✓
Bluetooth version	4.1	Other features	
		AC adapter bundled	✓

Ports & interfaces		Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Maximum internal memory (64-bit)	24 GB
Ethernet LAN (RJ-45) ports quantity	1	Intel segment tagging	Home office, Small Business
HDMI ports quantity *	1		
Mini DisplayPort quantity	1		
Combo headphone/mic port	✓		
Docking connector	✓		
Charging port type	DC-in jack		
USB Sleep-and-Charge	✓		
USB Sleep-and-Charge ports	1		

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