Lenovo

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 802.1 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		
Processor boost frequency	3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor number of cores	2		
Processor threads	4	Intel Clear Video HD Technology	✓
System bus data transfer rate	4 GT/s	Intel Clear Video Technology	✓
Processor cache	3 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Insider™	✓
Processor socket	LGA 1356 (Socket B2)	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® Smart Cache	✓
Processor series	Intel® Core™ i5-6300 Mobile Series	Intel AES New Instructions	✓
Processor codename	Skylake	Intel Trusted Execution Technology	✓
Bus type	QPI	Intel Enhanced Halt State	✓
Stepping	D1	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.5 GHz	Intel® Secure Key	✓
Configurable TDP-up	25 W	Intel TSX-NI	✓
Configurable TDP-down	7.5 W	Intel Stable Image Platform Program (SIPP)	✓

Windows 10

Processor

Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x4, 4x1
ECC supported by processor	✖

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory form factor	On-board + SO-DIMM
Memory slots	1x SO-DIMM
Maximum internal memory *	24 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Number of SSDs installed	1
Solid-state drive capacity	256 GB
Optical drive type *	✖
Card reader integrated	✔
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

On-board graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 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	1916

Audio

Audio chip	Realtek ALC3245
Audio system	Dolby Home Theater
Number of built-in speakers	2
Speaker power	1 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1 MP
Front camera resolution	1280 x 720 pixels
Front camera signal format	720p
Front camera HD type	HD

Network

Wi-Fi	✔
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.1

Processor special features

Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 X 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2F0
CPU configuration (max)	1
Embedded options available	✔
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response 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	88190
Conflict-Free processor	✔

Battery

Number of battery cells	3+3
Battery life (max)	10.5 h

Energy Management

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	HDD, Power on, Supervisor

Certificates

Certification	GREENGUARD, MIL-STD-810G

Sustainability

Sustainability certificates	RoHS, ENERGY STAR

Weight & Dimensions

Width	331 mm
Depth	226.8 mm
Height (front)	1.69 cm
Height (rear)	1.88 cm
Weight *	1.36 kg

Packaging Content

Manual	✔
Warranty card	✔
Power cord included	✔

Other features

AC adapter bundled	✔

Ports & interfaces

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

Other features

Maximum internal memory (64-bit)	24 GB
Intel segment tagging	Home office, Small Business