![Lenovo]

Lenovo ThinkPad T460p Intel® Core™ i7 i7-6700HQ Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® GeForce® 940MX Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : Lenovo   **Product family:** ThinkPad   **Product code:** 20FW0042MD

Product name : T460p

14" LED Full HD 1920 x 1080, Intel Core i7-6700HQ (8M Cache, 2.6 GHz), 8GB DDR4, NVIDIA GeForce 940MX 2GB, 256GB SSD, Gigabit Ethernet, WLAN 802.11 ac/a/b/g/n, Bluetooth, Windows 10 Pro 64-bit Lenovo ThinkPad T460p. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6700HQ, Processor frequency: 2,6 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Mobile network generation: 4G. Operating system installed: Windows 10 Pro. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS)

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
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 *	i7-6700HQ
Processor cores	4
Processor threads	8
Processor boost frequency	3,5 GHz
Processor frequency *	2,6 GHz
System bus rate	8 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1440
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-6700 Mobile series
Processor codename	Skylake

Ports & interfaces

USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Keyboard

Pointing device	ThinkPad UltraNav
Numeric keypad *	✘
Keyboard backlit	✔
Spill-resistant keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
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	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔

Processor

Bus type	DMI3
Stepping	R0
Thermal Design Power (TDP)	45 W
Configurable TDP-down	35 W
Tjunction	100 °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	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

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

Graphics

Discrete graphics card model *	NVIDIA® GeForce® 940MX
Discrete graphics card memory	2 GB
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)	1050 MHz
Maximum on-board graphics card memory	1,7 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x191B

Audio

Number of built-in speakers	2
Speaker power	1 W
Built-in microphone	✔

Camera

Front camera	✔

Network

Mobile network generation	4G
2G standards	Edge, GPRS, GSM
3G standards	HSPA, WCDMA
4G standard	LTE
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)

Processor special features

Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
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	42 x 28 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2FQ
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	0,00
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	88967
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity *	72 Wh
Battery life (max)	13 h

Power

AC adapter power	135 W
DC-in jack	✔

Security

Cable lock slot	✔
Fingerprint reader	✔
Password protection	✔

Certificates

Wi-Fi certified	✔
Compliance certificates	RoHS

Network

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

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Mini DisplayPorts quantity	1
DVI port	✘
Microphone in	✘
Combo headphone/mic port	✔
Docking connector	✔
SmartCard slot	✔

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	344 mm
Depth	239 mm
Height	24,4 mm
Weight *	2,15 kg

Packaging content

AC adapter included *	✔

Other features

Intel segment tagging	Home office, Small Business

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