



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		Ports & interfaces	
Product type *	Laptop	USB Sleep-and-Charge	✓
Product colour *	Black	USB Sleep-and-Charge ports	1
Form factor *	Clamshell	Keyboard	
Housing material	Acrylonitrile butadiene styrene (ABS)	Pointing device	ThinkPad UltraNav
Display		Numeric keypad *	✗
Display diagonal *	35,6 cm (14")	Keyboard backlight	✓
Display resolution *	1920 x 1080 pixels	Spill-resistant keyboard	✓
Touchscreen *	✗	Windows keys	✓
HD type	Full HD	Software	
Panel type	IPS	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 10 Pro
Native aspect ratio	16:9	Processor special features	
Display surface	Matt	Intel® Wireless Display (Intel® WiDi)	✓
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Smart Response Technology	✓
Processor family *	Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor generation	6th gen Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	i7-6700HQ	Intel® Turbo Boost Technology	2.0
Processor cores	4	Intel® Small Business Advantage (Intel® SBA)	✓
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3,5 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,6 GHz	Intel Clear Video Technology	✓
System bus rate	8 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Insider™	✓
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		

Processor		Processor special features	
Bus type	DMI3	Intel® Quick Sync Video Technology	✓
Stepping	R0	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	45 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	35 W	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2133 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 8 GB	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	32 GB	Processor package size	42 x 28 mm
Storage		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total storage capacity *	256 GB	Processor code	SR2FQ
Storage media *	SSD	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Graphics & IMC lithography	14 nm
Optical drive type *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Intel Secure Key Technology version	1,00
Discrete graphics card memory	2 GB	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card *	✓	Intel TSX-NI version	1,00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	88967
On-board graphics card model *	Intel® HD Graphics 530	Conflict-Free processor	✓
On-board graphics card base frequency	350 MHz	Battery	
On-board graphics card dynamic frequency (max)	1050 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum on-board graphics card memory	1,7 GB	Number of battery cells	6
On-board graphics card DirectX version	12.0	Battery capacity *	72 Wh
On-board graphics card OpenGL version	4.4	Battery life (max)	13 h
On-board graphics card ID	0x191B	Power	
Audio		AC adapter power	135 W
Number of built-in speakers	2	DC-in jack	✓
Speaker power	1 W	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Fingerprint reader	✓
Front camera	✓	Password protection	✓
Network		Certificates	
Mobile network generation	4G	Wi-Fi certified	✓
2G standards	Edge, GPRS, GSM	Compliance certificates	RoHS
3G standards	HSPA, WCDMA		
4G standard	LTE		
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Sustainability	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability certificates	ENERGY STAR
Mobile network connection *	✓	Weight & dimensions	
Ethernet LAN	✓	Width	344 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	239 mm
Bluetooth	✓	Height	24,4 mm
Bluetooth version	4.1	Weight *	2,15 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	Intel segment tagging	Home office, Small Business
Mini DisplayPorts quantity	1		
DVI port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✓		
SmartCard slot	✓		

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