



Lenovo ThinkPad T540p Intel® Core™ i7 i7-4700MQ 39.6 (15.6") HD 4 DDR3L-SDRAM 500 HDD NVIDIA® GeForce® GT 730M Windows 7 Professional

Brand : Lenovo

Model : ThinkPad

SKU : 20BF0005KR

Series : T540p

Lenovo ThinkPad T540p. Brand: Lenovo, Model: T540p. Processor: Intel® Core™ i7, Processor model: i7-4700MQ, Processor cores: 4, Processor threads: 8, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Memory: 4 DDR3L-SDRAM, Memory capacity: 500 MB. Storage: HDD, Storage capacity: 500 GB. Optical drive: DVD±RW. Operating system: Windows 7 Professional. Color: Black.



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 7 Professional
Form factor *	Clamshell	Processor special features	
Market positioning	Business	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	39.6 cm (15.6")	Intel Smart Connect Technology	✗
Display resolution *	1920 x 1080 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	Intel® Rapid Start Technology	✗
HD type	Full HD	Intel® Smart Response Technology	✗
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✗
Processor family *	Intel® Core™ i7	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor generation	4th gen Intel® Core™ i7	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor model *	i7-4700MQ	Intel® Active Management Technology (Intel® AMT)	✗
Processor cores	4	Enhanced Intel SpeedStep Technology	✓
Processor threads	8	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3.4 GHz	Intel Clear Video Technology	✗
Processor frequency *	2.4 GHz	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Insider™	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	PGA946	Intel Flex Memory Access	✗
Processor lithography	22 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Core i7-4700 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	47 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	4 GB	Intel® Secure Key	✓
Internal memory type	DDR3L-SDRAM	Intel TSX-NI	✗
Memory clock speed	1600 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 4 GB	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	37.5 x 32 x 1.6 mm
Total storage capacity *	500 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	Processor code	SR15H
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	500 GB	Embedded options available	✗
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD speed	5400 RPM	Intel Identity Protection Technology version	1.00
HDD size	2.5"	Intel Secure Key Technology version	1.00
Optical drive type *	DVD±RW	Intel TSX-NI version	0.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 730M	Intel Rapid Storage Technology	✗
Discrete graphics memory type	GDDR3	Intel Fast Memory Access	✗
On-board graphics card *	✓	Processor ARK ID	75117
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 4600	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	400 MHz	Battery life (max)	13 h
On-board graphics card dynamic frequency (max)	1150 MHz	Power	
Maximum on-board graphics card memory	1.74 GB	DC-in jack	✓
On-board graphics card DirectX version	11.1	Security	
On-board graphics card ID	0x416	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Audio system	Dolby Advanced	Fingerprint reader	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Built-in microphone	✓	Password protection	✓
Camera		Weight & dimensions	
Front camera	✓	Width	376.4 mm
Front camera resolution	1280 x 720 pixels	Depth	248 mm
Network		Height	27.6 mm
Wi-Fi	✓	Weight *	2.63 kg
Ethernet LAN	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included *	✓
Bluetooth	✓	Manual	✓
Bluetooth version	4.0	Power cord included	✓
Ports & interfaces		Other features	
USB 2.0 ports quantity *	2	Maximum internal memory (64-bit)	16 GB
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports	1		
Mini DisplayPorts quantity	1		

Ports & interfaces		Other features	
DVI port	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
VGA (D-Sub) ports quantity	1	Intel segment tagging	Home office, Small Business
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✓		
CardBus PCMCIA slot type	✗		
Keyboard			
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✓		
Spill-resistant keyboard	✓		
Full-size keyboard	✓		
Windows keys	✓		

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.

Publication date: 16-MAY-2025. Prints or copies of Information are only valid on the printed Publication date