



**T1A Lenovo ThinkPad W541 Refurbished Intel® Core™ i7
i7-4810MQ Mobile workstation 39.6 cm (15.6") Full HD 8 GB
DDR3L-SDRAM 512 GB SSD NVIDIA® Quadro® K2100M Windows
10 Home Italian Black**



Brand : T1A

Product code: L-W541-IT-B003

Product name : Lenovo ThinkPad W541 Refurbished

- Windows 10 Pro 64-bit
- Intel Core i7-4810MQ (6MB Cache, 2.8GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 TN
- 16GB (1600MHz) DDR3L-SDRAM & 256GB SSD

Intel Core i7-4810MQ (6MB Cache, 2.8GHz), 8GB DDR3L-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 TN, DVD±RW, Intel HD Graphics 4600, NVIDIA Quadro K2100M (2GB), LAN, Windows 10 Home 64-bit

T1A Lenovo ThinkPad W541 Refurbished. Product type: Mobile workstation, Form factor: Clamshell.

Processor family: Intel® Core™ i7, Processor model: i7-4810MQ, Processor frequency: 2.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Mobile workstation	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Black	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	Mini DisplayPorts quantity	1
Refurbished	✓	VGA (D-Sub) ports quantity	1
Display		Combo headphone/mic port	✓
Display diagonal *	39.6 cm (15.6")	Docking connector	✓
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	ThinkPad UltraNav
HD type	Full HD	Numeric keypad *	✓
Panel type	TN	Keyboard backlit	✓
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Keyboard language	Italian
Display surface	Matt	Software	
Display brightness	300 cd/m²	Operating system architecture	64-bit
Contrast ratio (typical)	500:1	Operating system installed *	Windows 10 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i7	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i7-4810MQ	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.8 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.8 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	6 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel QuickPath Interconnect	✓
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4800 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
Thermal Design Power (TDP)	47 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Intel Demand Based Switching	✓
Internal memory type	DDR3L-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel TSX-NI	✗
Memory form factor	SO-DIMM	Intel 64	✓
Memory slots	4x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	32 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	512 GB	Processor package size	37.5 x 37.5 x 4.7 mm
Storage media *	SSD	Supported instruction sets	AVX 2.0
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD±RW	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® Quadro® K2100M	Intel FDI Technology	✓
Discrete graphics card memory	2 GB	Processor ARK ID	78937
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Battery	
On-board graphics card model *	Intel® HD Graphics 4600	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	400 MHz	Power	
On-board graphics card dynamic frequency (max)	1300 MHz	AC adapter power	170 W
Maximum on-board graphics card memory	1.74 GB	Security	
On-board graphics card DirectX version	11.1	Cable lock slot	✓
On-board graphics card ID	0x416	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Audio chip	Realtek ALC3232	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Certificates	
Speaker power	1 W	Compliance certificates	RoHS
Built-in subwoofer	✗	Sustainability	
Built-in microphone	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Number of microphones	2	Weight & dimensions	
Network		Width	376.6 mm
Antenna type	2x2	Depth	248.1 mm
Ethernet LAN	✓	Height (front)	2.79 cm
Ethernet LAN data rates	1000 Mbit/s	Height (rear)	2.95 cm
Bluetooth	✓		
Bluetooth version	4.0		
WWAN	✗		
Ports & interfaces			
USB 2.0 ports quantity *	2		

Catalog Object Cloud



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.