



Lenovo ThinkPad T480 Intel® Core™ i5 i5-8350U Laptop 14" Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black



Brand : Lenovo

Product family: ThinkPad

Article code: 20L5004LUS

Product name : ThinkPad T480

Intel Core i5-8350U (4C, 1.7 / 3.6GHz, 6MB), 8GBx1, 256GB SSD M.2 PCIe NVMe Opal2, 35.56 cm (14") FHD (1920x1080) IPS, Integrated Intel UHD Graphics 620, Intel 8265 ac, 2x2 + BT4.1, Fibocom L850-GL, Windows 10 Pro 64

Lenovo ThinkPad T480. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8350U, Processor frequency: 1.7 GHz. Display diagonal: 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 color: Black



Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product color *	Black	HDMI version	1.4b
Form factor *	Clamshell	Headphone outputs	1
Housing material	FRP (Fiber Reinforced Plastic), Magnesium	Microphone in	✗
Market positioning	Business	Combo headphone/mic port	✓
Display		USB Sleep-and-Charge	✓
Display diagonal *	14"	USB Sleep-and-Charge ports	1
Display resolution *	1920 x 1080 pixels	Performance	
Touchscreen *	✗	Motherboard chipset	Intel SoC
HD type	Full HD	Keyboard	
Panel type	IPS	Pointing device	ThinkPad UltraNav
LED backlight	✓	Numeric keypad *	✗
Native aspect ratio	16:9	Keyboard backlight	✓
Display surface	Matt	Spill-resistant keyboard	✓
Display brightness	250 cd/m²	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor generation	8th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-8350U	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	4	Intel® Smart Response Technology	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3.6 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	1.7 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	4 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1356	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit		
Processor codename	Kaby Lake R		
Bus type	OPI		
Stepping	Y0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Configurable TDP-up frequency	1.9 GHz	Intel Flex Memory Access	✓
Configurable TDP-up	25 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	10 W	Intel Trusted Execution Technology	✓
Configurable TDP-down frequency	0.8 GHz	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	12	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Stable Image Platform Program (SIPP)	✓
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2400 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 8 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 x 24 mm
Maximum internal memory *	32 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SR3L9
Total storage capacity *	256 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	256 GB	Intel Identity Protection Technology version	1.00
SSD interface	M.2	Intel Smart Response Technology version	1.00
Optical drive type *	✗	Intel Stable Image Platform Program (SIPP) version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel TSX-NI version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	124969
On-board graphics card family	Intel® UHD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® UHD Graphics 620	Battery	
On-board graphics card base frequency	300 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
Maximum on-board graphics card memory	32 GB	AC adapter power	65 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.4	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x5917	Security	
Audio		Fingerprint reader	✓
Audio chip	Realtek ALC3287	Trusted Platform Module (TPM)	✓
Audio system	Dolby Audio Premium	Password protection	✓
Number of built-in speakers	2	Password protection type	HDD, Power on, Supervisor
Speaker power	2 W	Certificates	
Built-in microphone	✓	Compliance certificates	RoHS
Camera		Sustainability	
Front camera	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Front camera signal format	720p	Width	13.3" (336.6 mm)
Front camera HD type	HD	Depth	9.15" (232.5 mm)
Network			
Mobile network generation	4G		
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Height	0.785" (19.9 mm)
Mobile network connection *	✓	Weight *	3.59 lbs (1.63 kg)
Ethernet LAN	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included *	✓
Bluetooth	✓	Manual	✓
Bluetooth version	4.1	Power cord included	✓
Ports & interfaces		Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Maximum internal memory (64-bit)	32 GB
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports	1		



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