



## Lenovo ThinkPad L490 Intel® Core™ i5 i5-8265U Laptop 35,6 cm (14") 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black



**Brand :** Lenovo

**Product family:** ThinkPad

**Article code:** 20Q6S10N00

**Product name :** L490

Lenovo ThinkPad L490. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8265U, Processor frequency: 1,6 GHz. Display diagonal: 35,6 cm (14"). Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product color: Black. Weight: 1,69 kg



Design		Ports & interfaces	
Product type *	Laptop	HDMI version	1.4b
Product color *	Black	Combo headphone/mic port	✓
Form factor *	Clamshell	USB Type-C DisplayPort Alternate Mode	✓
Market positioning	Business	USB Sleep-and-Charge	✓
Display		USB Sleep-and-Charge ports	1
Display diagonal *	35,6 cm (14")	Keyboard	
LED backlight	✓	Pointing device	ThinkPad UltraNav
Native aspect ratio	16:9	Numeric keypad *	✗
Processor		Spill-resistant keyboard	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i5	Operating system architecture	64-bit
Processor generation	8th gen Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor model *	i5-8265U	Processor special features	
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8	Intel® Smart Response Technology	✓
Processor boost frequency	3,9 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	1,6 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	4 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	6 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	BGA 1528	Intel Clear Video Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor codename	Whiskey Lake	Intel® AES New Instructions (Intel® AES-NI)	✓
Bus type	OPI	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Configurable TDP-up frequency	1,8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-up	25 W	Intel® Secure Key	✓
Configurable TDP-down	10 W	Intel TSX-NI	✗
Configurable TDP-down frequency	0,8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x4, 2x2		

Memory		Processor special features	
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	2400 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	64 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	256 GB	Thermal Monitoring Technologies	✓
Storage media *	SSD	Processor package size	46x24 mm
Total SSDs capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Embedded options available	✗
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	MicroSD (TransFlash)	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel TSX-NI version	0,00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® UHD Graphics	Processor ARK ID	149088
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	1100 MHz	Battery technology	Lithium Polymer (LiPo)
Maximum on-board graphics card memory	32 GB	Battery capacity *	45 Wh
On-board graphics card DirectX version	12.0	Battery life (max)	12 h
On-board graphics card OpenGL version	4.5	Fast charging	✓
On-board graphics card ID	0x3EA0	Power	
Audio		USB Type-C charging port *	✓
Audio chip	Realtek ALC3287	USB Power Delivery	✓
Audio system	Dolby Advanced Audio	Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	2 W	Trusted Platform Module (TPM)	✓
Built-in microphone	✓	Password protection	✓
Camera		Password protection type	HDD, Power on, Supervisor
Front camera	✓	Certificates	
Front camera HD type	HD	Compliance certificates	RoHS
Network		Sustainability	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Sustainability certificates	TCO, EPEAT Silver, ENERGY STAR
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Weight & dimensions	
Antenna type	2x2	Width	335 mm
Ethernet LAN	✓	Depth	235 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	22,5 mm
Bluetooth	✓	Weight *	1,69 kg
Bluetooth version	5.1	Ports & interfaces	
Ports & interfaces		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
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
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Ethernet LAN (RJ-45) ports	1
Ethernet LAN (RJ-45) ports	1	HDMI ports quantity *	1
HDMI ports quantity *	1		

## Catalog Object Cloud



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