

Lenovo

Lenovo ThinkPad T490 Intel® Core™ i5 i5-8265U Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Zwart

Merk : Lenovo**Productfamilie:** ThinkPad**Artikelcode:** 20N20009MH**Productnaam :** T490

Intel Core i5-8265U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel UHD Graphics 620, LAN, WLAN, Bluetooth, Webcam, Windows 10 Pro 64-bit
 Lenovo ThinkPad T490. Type product: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i5, Processormodel: i5-8265U, Frequentie van processor: 1,6 GHz. Beeldscherm diagonaal: 35,6 cm (14"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 8 GB, Intern geheugentype: DDR4-SDRAM. Totale opslagcapaciteit: 256 GB, Opslagmedia: SSD. On-board graphics adapter model: Intel® UHD Graphics. Inclusief besturingssysteem: Windows 10 Pro. Kleur van het product: Zwart



Windows 10

Design		Poorten & interfaces	
Type product *	Laptop	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	2
Kleur van het product *	Zwart	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type C *	1
Vormfactor *	Clamshell	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1
Beeldscherm		Aantal Ethernet LAN (RJ-45)-poorten	1
Beeldscherm diagonaal *	35,6 cm (14")	Aantal HDMI-poorten *	1
Resolutie *	1920 x 1080 Pixels	HDMI versie	1.4b
Touchscreen *	✗	Hoofdtelefoonuitgangen	1
HD type	Full HD	Combo koptelefoon/microfoon port	✓
Soort paneel	IPS	Basisstationaansluiting	✓
LED backlight	✓	SmartCard-slot	✓
Oorspronkelijke beeldverhouding	16:9	USB Sleep-and-Charge	✓
Helderheid	250 cd/m ²	USB Sleep-and-Charge poorten	1
Typische contrastverhouding	700:1	Toetsenbord	
Processor		Aanwijsapparaat	ThinkPad UltraNav
Processorfabrikant *	Intel	Taal toetsenbord	US International
Processorfamilie *	Intel® Core™ i5	Numeriek toetsenblok *	✗
Processorgeneratie	Intel® 8de generatie Core™ i5	Keyboard met achtergrondverlichting	✓
Processormodel *	i5-8265U	Morsbestendig toetsenbord	✓
Aantal processorkernen	4	Windows-toetsen	✓
Processor aantal threads	8	Software	
Maximale turbofrequentie van processor	3,9 GHz	Architectuur besturingssysteem	64-bit
Frequentie van processor *	1,6 GHz	Inclusief besturingssysteem *	Windows 10 Pro
Systeembus	4 GT/s	Processor speciale functies	
Processor cache	6 MB	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cache type	Smart Cache	Intel® Smart Response Technology	✓
Processor socket	BGA 1528	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor lithografie	14 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Codenaam processor	Whiskey Lake	Enhanced Intel SpeedStep Technology	✓
Bus type	OPI	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Thermal Design Power (TDP)	15 W		
Configureerbare TDP-upfrequentie	1,8 GHz		
Configureerbare TDP-up	25 W		
Configureerbare TDP-down	10 W		
Configureerbare TDP-downfrequentie	0,8 GHz		

Processor		Processor speciale functies	
Tjunction	100 °C	Intel® Clear Video-technologie	✓
Maximaal aantal PCI Express-lijnen	16	Intel® Quick Sync Video Technology	✓
PCI Express slots versie	3.0	Intel® Flex Memory Access	✓
PCI Express configuraties	1x4, 2x2	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC ondersteund door processor	✗	Intel® Trusted Execution Technology	✗
Geheugen		Intel® Enhanced Halt State	✓
Intern geheugen *	8 GB	Intel® VT-x with Extended Page Tables (EPT)	✓
Intern geheugentype	DDR4-SDRAM	Intel® Secure Key	✓
Kloksnelheid geheugen	2400 MHz	Intel® TSX-NI	✗
Geheugen form factor	On-board + SO-DIMM	Intel® Stable Image Platform Program (SIPP)	✗
Geheugenslots	1x SO-DIMM	Intel® OS Guard	✓
Maximum intern geheugen *	48 GB	Intel® Software Guard Extensions (Intel® SGX)	✓
Opslagmedia		Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✓
Totale opslagcapaciteit *	256 GB	Intel® 64	✓
Opslagmedia *	SSD	Execute Disable Bit	✓
Totale capaciteit SSD's	256 GB	Idle States	✓
Aantal geïnstalleerde SSD's	1	Thermal Monitoring Technologies	✓
SSD capaciteit	256 GB	Verpakkingsgrootte processor	46x24 mm
SSD interfaces	NVMe, PCI Express	Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
NVMe	✓	CPU configuratie (max)	1
SSD-vormfactor	M.2	Ingebouwde opties beschikbaar	✗
Soort optische drive *	✗	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Geïntegreerde geheugenkaartlezer	✓	Versie Intel® Identity Protection Technology	1,00
Compatibele geheugenkaarten	MicroSD (TransFlash)	Versie Intel® Smart Response Technology	1,00
Grafisch		Versie Intel® Stable Image Platform Program (SIPP)	0,00
Discreet grafische adapter model *	Niet beschikbaar	Versie Intel® Secure Key Technology	1,00
Ingebouwde grafische adapter *	✓	Versie Intel® TSX-NI	0,00
Aparte grafische adapter *	✗	Intel® Virtualization Technology (VT-x)	✓
Familie ingebouwde grafische adapter	Intel® UHD Graphics	ARK ID processor	149088
On-board graphics adapter model *	Intel® UHD Graphics	Accu/Batterij	
Basisfrequentie ingebouwde grafische adapter	300 MHz	Batterijtechnologie	Lithium-Polymeer (LiPo)
Graphics on-board -adapter dynamische frequentie (max)	1100 MHz	Batterijcapaciteit *	50 Wh
Maximaal geheugen ingebouwde grafische adapter	32 GB	Levensduur accu/batterij	16,11 uur
On-board grafische adapter DirectX-versie	12.0	Snel opladen	✓
On-board grafische adapter OpenGL versie	4.5	Energie	
On-board grafische adapter ID	0x3EA0	AC-adapter, vermogen	65 W
Audio		Beveiliging	
Audiochip	Realtek ALC3287	Bevestigingsmogelijkheid voor kabelslot	✓
Audiosysteem	Dolby Audio Premium	Vingerafdruklezer	✓
Aantal ingebouwde luidsprekers	2	Trusted Platform Module (TPM)	✓
Vermogen luidsprekers	2 W	Wachtwoordbeveiliging	✓
Ingebouwde microfoon	✓	Password bescherming	HDD, Inschakelen, Supervisor
Camera		Duurzaamheid	
Camera voorzijde	✓	Duurzaamheidscertificaten	ENERGY STAR
Signaalformaat camera voorkant	720p	Gewicht en omvang	
Voorcamera HD-type	HD	Breedte	329 mm
Infrarood (IR) camera	✗	Diepte	227 mm
Automatisch scherpstellen	✗	Hoogte	17,9 mm
Netwerk			
Wifi	✓		
Wifi-standaard *	Wi-Fi 5 (802.11ac)		
Wi-Fi-standaarden	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		

Netwerk		Gewicht en omvang	
Soort antenne	2x2	Gewicht *	1,55 kg
WLAN-controller-model	Intel Dual Band Wireless-AC 9560	Overige specificaties	
Ethernet LAN	✓	Inclusief AC-adapter	✓
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	LightScribe	✗
Bluetooth	✓	3D	✗
Bluetooth-versie	5.0		
WWAN	Niet geïnstalleerd		



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