



Lenovo ThinkPad E490s Intel® Core™ i7 i7-8565U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Black

Brand : Lenovo

Product family: ThinkPad

Product code: 20NG000GKR

Product name : ThinkPad E490s

- Windows 10 Home 64-bit
- Intel Core i7-8565U (8MB Cache, 1.8GHz)
- 35.6 cm (14") Full HD 1920 x 1080 IPS
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i7-8565U (8MB Cache, 1.8GHz), 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 Home 64-bit

Lenovo ThinkPad E490s. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™

i7, Processor model: i7-8565U, Processor frequency: 1.8 GHz. Display diagonal: 35.6 cm (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. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Black	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	35.6 cm (14")	HDMI version	1.4b
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD	USB Sleep-and-Charge	✓
Panel type	IPS	USB Sleep-and-Charge ports	1
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	ThinkPad UltraNav
Dual-screen	✗	Numeric keypad *	✗
Processor		Spill-resistant keyboard	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor generation	8th gen Intel® Core™ i7	Operating system installed *	Windows 10 Home
Processor model *	i7-8565U	Processor special features	
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8	Intel® Smart Response Technology	✓
Processor boost frequency	4.6 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	1.8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	4 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	8 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		
Bus type	OPI		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
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	1x4, 2x2	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel TSX-NI	✗
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	32 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	✗
SSD interface	SATA III	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Identity Protection Technology version	1.00
Optical drive type *	✗	Intel Smart Response Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MicroSD (TransFlash)	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Processor ARK ID	149091
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card model *	Intel® UHD Graphics	Battery capacity *	42 Wh
On-board graphics card base frequency	300 MHz	Battery life (max)	11.5 h
On-board graphics card dynamic frequency (max)	1150 MHz	Fast charging	✓
Maximum on-board graphics card memory	32 GB	Power	
On-board graphics card DirectX version	12.0	USB Power Delivery (USB PD)	✓
On-board graphics card OpenGL version	4.5	Security	
On-board graphics card ID	0x3EA0	Cable lock slot	✓
Audio		Fingerprint reader	✓
Audio chip	Conexant CX11880	Password protection	✓
Audio system	Dolby Audio Premium	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	Sustainability	
Camera		Sustainability certificates	ENERGY STAR
Front camera	✓	Weight & dimensions	
Front camera signal format	720p	Width	329 mm
Front camera HD type	HD	Depth	232 mm
Network		Height	17.9 mm
Wi-Fi	✓	Weight *	1.67 kg
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	AC adapter included *	✓
Antenna type	2x2		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

Ports & interfaces

USB 2.0 ports quantity * 1

Catalog Object Cloud



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