



Lenovo ThinkPad E16 Gen 1 (AMD) AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black QWERTY US English



Brand : Lenovo

Product family: ThinkPad

Product code: 21JT001QUS

Product name : ThinkPad E16
Gen 1 (AMD)

- Windows 11 Pro 64-bit
- AMD Ryzen 7 7730U (16MB Cache, 2GHz)
- 40.6 cm (16") 1920 x 1200 IPS
- 16GB (3200MHz) DDR4-SDRAM (1 x 8) & 512GB SSD
AMD Ryzen 7 7730U (16MB Cache, 2GHz), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") 1920 x 1200 IPS, AMD Radeon Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit
Lenovo ThinkPad E16 Gen 1 (AMD). Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7730U, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Colour name	Graphite Black	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	100,1000 Mbit/s
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.1
Housing material	Aluminium	Near Field Communication (NFC)	✗
Display		WWAN	Not installed
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	1.4b
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	USB Sleep-and-Charge	✓
Colour gamut	45%	USB Sleep-and-Charge ports	1
Contrast ratio (typical)	800:1	Performance	
Processor		Motherboard chipset	AMD SoC
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	ThinkPad UltraNav
Processor generation	AMD Ryzen 7000 Series	Numeric keypad *	✓
Processor model *	7730U	Keyboard backlight	✓
Processor cores	8	Keyboard layout	QWERTY
Processor boost frequency	4.5 GHz	Keyboard language	US English
Processor frequency *	2 GHz	Software	
Processor cache	16 MB	Operating system architecture	64-bit
Processor cache type	L3	Operating system language	English
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		
Memory clock speed	3200 MHz		

Memory		Software	
Memory form factor	On-board + SO-DIMM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	1 x 8 GB	Battery	
Memory slots	1x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	40 GB	Battery capacity *	47 Wh
Memory channels	Dual-channel	Fast charging	✔
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Power Delivery (USB PD)	✔
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✔
NVMe	✔	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✔
Optical drive type *	✘	Smart card reader	✘
Card reader integrated	✘	Trusted Platform Module (TPM)	✔
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Password protection	✔
On-board graphics card *	✔	Password protection type	BIOS, Power on, Supervisor, SSD
On-board GPU manufacturer	AMD	Operational conditions	
Discrete graphics card *	✘	Operating temperature (T-T)	5 - 35 °C
On-board graphics card model *	AMD Radeon Graphics	Storage temperature (T-T)	5 - 43 °C
Audio		Operating relative humidity (H-H)	8 - 95%
Audio chip	Synaptic CX11880	Storage relative humidity (H-H)	5 - 95%
Audio system	Dolby Atmos	Maximum shipping altitude	3048 m
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Certification	EPEAT Gold Registered ENERGY STAR 8.0 ErP Lot 6 ErP Lot 26 TCO Certified 9.0 RoHS compliant MIL-STD-810H
Built-in microphone	✔		
Number of microphones	2		
Camera		Weight & dimensions	
Front camera	✔	Width	356.1 mm
Front camera resolution	1920 x 1080 pixels	Depth	247.7 mm
Front camera HD type	Full HD	Height	19.9 mm
Privacy camera	✔	Weight *	1.97 kg
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✘		
Antenna type	2x2		



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