Lenovo

Lenovo ThinkPad E16 Gen 1 (AMD) AMD Ryzen™ 7 7730U Laptop 40.6 cm (16") Touchscreen 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:** 21JT001AUS

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 Touch
- 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 Touch, 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, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Black

Design	
Colour name	Graphite Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Aluminium
Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✔
HD type	WUXGA
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	300 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Contrast ratio (typical)	800:1
Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor generation	AMD Ryzen 7000 Series
Processor model *	7730U
Processor cores	8
Processor boost frequency	4.5 GHz
Processor frequency *	2 GHz
Processor cache	16 MB
Processor cache type	L3
Memory	
Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz

Network	
Ethernet LAN	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.1
Near Field Communication (NFC)	✘
WWAN	Not installed
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-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4b
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1
Performance	
Motherboard chipset	AMD SoC
Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard layout	QWERTY
Keyboard language	US English
Software	
Operating system architecture	64-bit
Operating system language	English

Memory	
Memory form factor	On-board + SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	40 GB
Memory channels	Dual-channel

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card model *	AMD Radeon Graphics

Audio	
Audio chip	Synaptic CX11880
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Privacy camera	✔
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

Software	
Operating system installed *	Windows 11 Pro

Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity *	47 Wh
Fast charging	✔

Power	
AC adapter power	65 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Smart card reader	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, Power on, Supervisor, SSD

Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m

Certificates	
Certification	EPEAT Gold Registered ENERGY STAR 8.0 ErP Lot 6 ErP Lot 26 TCO Certified 9.0 RoHS compliant MIL-STD-810H

Weight & dimensions	
Width	356.1 mm
Depth	247.7 mm
Height	19.9 mm
Weight *	1.97 kg

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