



Lenovo ThinkPad E16 Gen 3 (Intel) Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21SR004NCK

Product name : ThinkPad E16
Gen 3 (Intel)

- Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache, 1x 16GB SODIMM DDR5-5600, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz, Intel Graphics, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, Windows 11 Pro



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Black	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Housing material	Aluminium	Antenna type	2x2
Display back cover material	Aluminium	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.3
Panel type	IPS	Near Field Communication (NFC)	✗
LED backlight	✓	WWAN	Not installed
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
RGB colour space	NTSC	USB 3.2 Gen 2x2 Type-C ports quantity	1
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel Core Ultra 5	Intel® Thunderbolt 4	✓
Processor model *	225U	Combo headphone/mic port	✓
Processor cores	12	USB Sleep-and-Charge	✓
Processor threads	14	Performance	
Memory		Motherboard chipset	Intel SoC
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

Memory		Keyboard	
Memory clock speed	5600 MHz	Pointing device	ThinkPad UltraNav
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory layout (slots x size)	1 x 16 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	64 GB	Operating system language	Czech, Slovak, English
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery capacity *	64 Wh
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	65 W
SSD capacity	512 GB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Type-C required charging power (min) *	45 W
NVMe	✓	USB Type-C required charging power (max) *	65 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✗	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete graphics card model *	Not available	Fingerprint reader	✓
On-board graphics card *	✓	Smart card reader	✗
On-board GPU manufacturer	Intel	Windows Hello	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card family	Intel® Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel® Graphics	Certificates	
Audio		Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Audio chip	Senary SN6147	Weight & dimensions	
Number of built-in speakers	2	Width	356 mm
Speaker power	2 W	Depth	249 mm
Built-in microphone	✓	Height (front)	1.01 cm
Number of microphones	2	Height (rear)	1.71 cm
Camera		Weight *	1.63 kg
Front camera	✓	Packaging content	
Front camera resolution	1920 x 1080 pixels	AC adapter included *	✓
Front camera HD type	Full HD		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		



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