Lenovo

Lenovo ThinkPad E15 Gen 4 (Intel) Intel® Core™ i7 i7-1255U Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Portuguese Black

Brand : Lenovo   **Product family:** ThinkPad   **Article code:** 21E6004YPG

Product name : ThinkPad E15
Gen 4 (Intel)

Lenovo ThinkPad E15 Gen 4 (Intel). Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Black. Weight: 1,7 kg
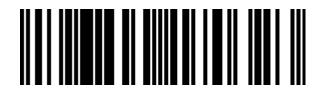
Design	
Color name	Black
Product type *	Laptop
Product color *	Black
Form factor *	Clamshell

Display	
Display diagonal *	39,6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✕
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	300 cd/m²

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1255U
Processor cores	10
Processor boost frequency	4,7 GHz
Configurable TDP-down	12 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	On-board + SO-DIMM

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Performance	
Motherboard chipset	Intel SoC

Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad *	✔
Keyboard backlit	✔
Spill-resistant keyboard	✔
Keyboard language	Portuguese

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔

Memory

Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	40 GB

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
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio chip	Realtek ALC3287
Audio system	Dolby Audio
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
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.1
Near Field Communication (NFC)	✘

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	57 Wh

Power

AC adapter power	65 W
USB Power Delivery	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Smart card reader	✘
Windows Hello	✔
Trusted Platform Module (TPM)	✔
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%

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold

Weight & dimensions

Width	365 mm
Depth	240 mm
Height	18,9 mm
Weight *	1,7 kg

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