

ThinkPad E16 Gen 3 (Intel)

21TFO027US

PERFORMANCE

Processor

Intel® Core™ 7 240H, 10C (6P + 4E) / 16T, P-core 2.5 / 5.2GHz, E-core 1.8 / 4.0GHz, 24MB

AI PC Category

Non-AI PC

Graphics

Integrated Intel® Graphics

Chipset

Intel® SoC Platform

Memory

1x 16GB SO-DIMM DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR5-5600

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Slot

- Two M.2 slots
- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[1]

- Up to two drives, 2x M.2 SSD
- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

Card Reader

No card reader

Audio Chip

High Definition (HD) Audio, Senary SN6147 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN

Microphone

2x, Array

Camera

5.0MP with Privacy Shutter

Battery

48Wh

Power Adapter

65W USB-C® (2-pin)

DESIGN

Display^[2]

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz

Screen-to-Body Ratio

90.7%

Lenovo

PSREF
Product Specification
Reference

Pen

Pen Not Supported

Keyboard

Backlit, English

Dimensions (WxDxH)^[3]

356 x 249 x 10.1/17.05 (front/rear), 21.15 (maximum) mm;
14.01 x 9.80 x 0.40/0.67 (front/rear), 0.83 (maximum) inches

Weight^[4]

Starting at 1.63 kg (3.59 lbs)

Case Color

Black

Case Material

Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System

Windows® 11 Pro, English (US) / English (UK)

CONNECTIVITY

WLAN + Bluetooth^[5]

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

WWAN

Non-WWAN

Ethernet

100/1000M (RJ-45)

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.1 and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

Docking

Various docking solutions supported via Thunderbolt™ or

USB-C®.

For more compatible docking solutions, please visit [Docking](#)

for [ThinkPad® E16 Gen 3 \(Intel®\)](#)

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0 Enabled

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

Other Security

- ThinkShield
- Camera privacy shutter

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

1-year, Courier or Carry-in

CERTIFICATIONS

Green Certifications^[6]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

Top Seller

: Yes

Announce Date

: 2025-05-21

EAN / UPC / JAN

: 198157565739

End of Support

: 2031-11-22



Product image is a sample, it may not match the real color of this model

Note:

- [1] The system supports dual SSD via two M.2 slots, but Lenovo only offers one M.2 2242 SSD configuration and M.2 2280 slot for user self-extension.
- [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
- [3] The system dimensions may vary depending on.....

- Lenovo reserves the right to change specifications without notice.
- California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

To see more note information, please access the [web page](#).