# ThinkPad E16 Gen 3 (AMD) 21ST0054HV

PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**
AMD Ryzen™ 7 250 (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

**AI PC Category**
AI PC[1]

**NPU**
Integrated AMD Ryzen™ AI, up to 16 TOPS

**Graphics**
Integrated AMD Radeon™ 780M Graphics

**Chipset**
AMD SoC Platform

**Memory**
1x 16GB SODIMM DDR5-5600

**Memory Slots**
Two DDR5 SODIMM 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**
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**
FHD 1080p + IR Hybrid with Privacy Shutter

**Battery**
64Wh

**Power Adapter**
65W USB-C® (3-pin)

## DESIGN

**Display**
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC[2]

**Touchscreen**
None

**Screen-to-Body Ratio**
90.7%

**Pen**
Pen Not Supported

**Keyboard**
Backlit, Hungarian

**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 1.71 kg (3.77 lbs)

**Case Color**
Black

**Case Material**
Aluminium (Top), Aluminium (Bottom)

## SOFTWARE

**Operating System**
None

**Bundled Software**
None

## CONNECTIVITY

**WLAN + Bluetooth**
Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

**WWAN**
WWAN Not Supported

**SIM Card**
No physical SIM card inbox

**Ethernet**
100/1000M (RJ-45)

**NFC**
No NFC

**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 5Gbps / USB 3.2 Gen 1), with USB PD 45-65W and DisplayPort™ 1.4
- 1x USB-C® (USB4® 40Gbps), with USB PD 45-65W and DisplayPort™ 1.4a
- 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 USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad E16 Gen 3 (AMD)

## SECURITY & PRIVACY

**ThinkShield**
ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials, visit here

**Security Chip**
Discrete TPM 2.0 Enabled

**Physical Locks**
Kensington® Nano Security Slot™, 2.5 x 6 mm

**Smart Card Reader**
No Smart Card Reader

**Fingerprint Reader**
No Fingerprint Reader

**Other Security**
- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

**System Management**
Non-DASH

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN)

## ACCESSORIES

**Bundled Accessories**
None

## CERTIFICATIONS

**Green Certifications**
- 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

**TopSeller** : Yes
**Announce Date**: 2025-08-08
**EAN / UPC / JAN**: 0199272536031
**End of Support** : 2031-12-13

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice. To see more note information, please access the web page.

## Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

United Kingdom



**Lenovo Wired VoIP Headset 5000**
4XD1R88995



**Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black UK English** 4X31R64490




**Lenovo 15.6 Laptop Everyday Backpack B510-ROW** 4X41U80414

Please click here to view the full list of accessories.

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