# ThinkPad E16 Gen 3 (AMD) 21ST0045PB





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen™ 5 220 (6C / 12T, 3.2 / 4.9GHz, 6MB L2 / 16MB L3)
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0
- Integrated AMD Radeon™ 740M Graphics
- Windows® 11 Pro, Polish / English
- Case color - Black
- 1Y Premier WHB (CPN), 3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## 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

## Recommended Accessories

Poland



Lenovo Wired VoIP Headset 5000 (Teams)

4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-Polish

4X31R64478




Lenovo Multi-port USB-C 100W GaN Charger

G0A6100BEU

>> View More Accessories

## Recommended Services

**Best**

4Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U93943)

**Better**

3Y Premier Support Plus for AIPC upgrade from 1Y Premier Support (5WS1U93911)

**Good**

3Y Premier Support for AIPC upgrade from 1Y Premier Support (5WS1U93942)

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## PERFORMANCE

**Processor**
AMD Ryzen™ 5 220 (6C / 12T, 3.2 / 4.9GHz, 6MB L2 / 16MB L3)

**AI PC Category**
Non-AI PC

**NPU**
None

**Graphics**
Integrated AMD Radeon™ 740M 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**[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, 360°

**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, English (EU)

**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**
Windows® 11 Pro, Polish / English

**Bundled Software**
None

## CONNECTIVITY

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

**WWAN**
WWAN Not Supported

**SIM Card**
No physical SIM card included

**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 15-65W and DisplayPort™ 1.4
- 1x USB-C® (USB4® 40Gbps), with USB PD 15-65W 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 details, 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**
Touch Style, Match-on-Chip, Integrated in Power Button

**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**
1Y Premier WHB (CPN), 3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## ACCESSORIES

**Bundled Accessories**
None

## CERTIFICATIONS

**Green Certifications**
- ENERGY STAR® 9.0
- EPEAT 1.0 Gold Registered[5]
- 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 | **EAN / UPC / JAN** | : 0199271809426 |
| **Announce Date** | : 2025-07-16 | **End of Support** | : 2031-12-13 |

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

- 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 view full note details, please visit the web page.