

# ThinkPad E16 Gen 3 (AMD)

Designed for business professionals, this laptop integrates cutting-edge technology to deliver peak performance and reliability. At its core, it features an AI-powered PC experience that adapts to usage patterns, optimizing system resources for enhanced productivity and responsiveness. Powered by AMD Ryzen™ 3 / 5 / 7 200 Series Processors, the device ensures smooth multitasking and efficient handling of demanding workloads, whether data analysis, presentations, or virtual meetings. With support for up to 64GB DDR5-5600 memory, users benefit from accelerated performance and reduced latency during intensive operations. And, up to 1TB 2x M.2 SSD storage enables lightning-fast boot times and ample space for large files and applications.



**Redefining possibilities with powerful performance and groundbreaking on-device AI**

The laptop delivers an exceptional audio through its 2W dual Dolby Atmos® stereo speakers, fine-tuned by HARMAN, that provides rich, immersive sound. Complementing this is a dual-microphone array with smart noise-cancelling technology, which filters background distractions to ensure crystal-clear voice capture during calls and conferences, even in noisy environments.

Powering this efficiency on the move is a robust 64Wh rechargeable Li-ion battery, offering extended usage hours and reducing dependency on charging throughout the day.

The optional 5.0MP camera offers exceptional clarity for video conferencing and virtual collaboration, while the built-in privacy shutter allows users to physically block the camera when not in use, enhancing privacy and security. Additionally, advanced temporal noise reduction technology enhances video quality in low-light environments by minimizing visual grain and distortion, ensuring a sharp and clear image even in dimly lit settings.

## Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



### Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

## Accessories

### Lenovo Wireless VoIP Headset

- Versatile control buttons for seamless functionality
- Advanced microphone with noise cancellation technology
- Extended battery life for uninterrupted listening experience



PN: 4XD1M80020 (Lenovo Wireless VoIP Headset), 4XH1M80022 (Lenovo USB-A Bluetooth® Audio Receiver Gen 2), 4XD1M80021 (Lenovo Wireless VoIP Headset Earcup)

### Lenovo USB-C Dual Display Travel Dock

- Enhanced connectivity and visual experience in a portable hub
- Continuous power supply; efficient charging solution for mobile devices
- Eco-friendly dual display travel dock; style meets sustainability



PN: Dock without Adapter : 40B90000WW, Dock with Adapter : 40B90100xx

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## Performance

### Processor

AMD Ryzen 3/5/7 200 Series Processor

### AI PC Category <sup>1</sup>

AI PC

<sup>1</sup>AI PC is only available for the models with AMD Ryzen 5 230 or AMD Ryzen 7 250 processor.

### AI Performance

Up to 38 overall TOPS

### Operating System\*

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language

### NPU <sup>2</sup>

Integrated AMD Ryzen AI, up to 16 TOPS\*

<sup>2</sup>Only for the models with AMD Ryzen 5 230 or AMD Ryzen 7 250 processor.

### Graphics

AMD Radeon 740M (integrated)  
AMD Radeon 760M (integrated)  
AMD Radeon 780M (integrated)

### Memory

Up to 64GB DDR5-5600, 2x SO-DIMM

### Storage <sup>3 4</sup>

Up to two M.2 PCIe NVMe SSD  
M.2 2242 SSD up to 1TB  
M.2 2280 SSD up to 1TB

<sup>3</sup>The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>4</sup>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.

### Audio\*

High Definition (HD) Audio  
audio by HARMAN stereo speakers, 2W x2, Dolby Atmos  
Dual-microphone array, 360° far-field, smart noise-cancelling

### Camera\*

HD 720p, with privacy shutter  
FHD 1080p + IR hybrid, with privacy shutter, temporal noise reduction  
5.0MP, with privacy shutter, temporal noise reduction

### Battery <sup>5 6</sup>

48Wh or 64Wh battery, up to 10.6 hr  
48Wh battery supports Rapid Charge Pro

<sup>5</sup>Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

<sup>6</sup>Rapid charge is only guaranteed when the computer is turned off or in standby mode or in hibernation mode. When the computer is powered on, the Charge Time will vary depending on system power consumption and AC adapter power.

### Power Adapter\*

65W USB-C adapter, PD 3.0  
65W USB-C slim adapter, PD 3.0

## Design

### Display <sup>7</sup>

16" WUXGA (1920x1200) IPS Anti-glare 16:10  
- 300nits, 45% NTSC, 60Hz  
- 300nits, 45% NTSC, 60Hz, touch

<sup>7</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Keyboard

6-row, spill-resistant, numeric keypad, Copilot Key, optional backlight

### Touchpad

TrackPoint and Mylar surface TrackPad  
67 x 115 mm (2.64 x 4.53 inches)

### Dimensions <sup>8</sup>

Models with aluminium (top) and aluminium (bottom)  
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

Models with aluminium (top) and PC-ABS (bottom)  
356 x 249 x 10.1/17.05 (front/rear), 21.95 (maximum) mm  
14.01 x 9.8 x 0.40/0.67 (front/rear), 0.86 (maximum) inches

<sup>8</sup>The system dimensions may vary depending on configurations.

### Weight <sup>9</sup>

Starting at 1.71 kg (3.77 lbs)

<sup>9</sup>The system weight is approximate and may vary depending on configurations

### Color

Black

### Case material

Aluminium (top), aluminium (bottom)  
Aluminium (top), PC-ABS (bottom)

## Connectivity

### Ethernet

Gigabit onboard Ethernet

### WLAN + Bluetooth\*

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.3  
Up to Realtek Wi-Fi 6E RTL8852CE, 802.11ax, Bluetooth 5.3

### 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 3.1 & DP 1.4  
1x USB-C (USB4 40Gbps), with USB PD 3.1 & DP 1.4a  
1x HDMI 2.1, up to 4K/60Hz  
1x Ethernet (RJ-45)  
1x Headphone / microphone combo jack (3.5mm)

### Docking

Docking support via USB-C

## Security & Privacy

### Security

Discrete TPM 2.0 and Microsoft Pluton TPM 2.0  
Kensington Nano Security Slot  
Touch style MOC fingerprint reader\*  
Camera privacy shutter  
IR camera for Windows Hello (facial recognition)\*

## Certifications

### Green Certifications <sup>10 11 12</sup>

ENERGY STAR 9.0  
EPEAT Gold Registered  
ErP Lot 6/26  
TCO Certified 10.0  
RoHS compliant

<sup>10</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>11</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>12</sup>EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

### Other Certifications

TÜV Rheinland Low Blue Light (Software Solution)\*  
MIL-STD-810H