

# ThinkPad E16 Gen 2 Intel

Equipped with up to Intel® U or H Series Core i7 Processor and up to 64GB DDR5 memory, this laptop offers smooth multitasking and quick responsiveness with demanding software. Its 16" display with optional WQXGA resolution and Eyesafe® certification, minimizes eye strain. Thunderbolt 4 ensures versatile connectivity. Enhanced security features include TPM 2.0 and an optional fingerprint reader, crucial for sensitive data. The optional touchscreen provides intuitive interaction, while up to 2TB SSD storage accelerates professional workflows reliant on performance and productivity.



## Built for business with cutting-edge technology

The entry-level ThinkPad, E Series features the famous keyboard and trackpoint, and is MIL-SPEC tested ensuring the build quality for which ThinkPad is renowned.

With a large 16" display with optional WQXGA resolution, this laptop enables extensive multitasking capabilities. The optional Intel® Arc Graphics provide powerful visual performance, supporting up to 4 independent displays for maximum productivity. Option for Eyesafe® certification reduces eye fatigue during prolonged use, optimizing visual comfort.

Thunderbolt™ 4 and USB4® enable fast data transfers and multiple display connections. Discrete TPM 2.0 secures sensitive data. An optional fingerprint reader and IR camera provide quick, secure logins.

Equipped with Discrete TPM 2.0 alongside optional user authentication features such as a touch-style fingerprint reader and an IR camera, it provides versatile and robust methods for safeguarding your valuable data and ensures seamless access to the device.

## 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 Smartcard Wired Keyboard II

- Full-size 3-zone keyboard with reliable wired USB connection and the added security of an integrated Smartcard reader
- Supports smartcards complying with ISO 7816 1, 2, 3, 4 memory and microprocessor smart cards (T=0, T=1)
- Function hot keys and LED indicators (CapsLock, NumLock, Scroll)



PN: 4Y41B69353 - 4Y41B69390

### Lenovo 100 Stereo USB Headset

- On-Ear stereo USB headset. Plug and Play with USB-A connector.
- Rotatable Boom Microphone with passive noise cancellation for clearer audio during VoIP calls
- Lightweight design with leather and memory-form earcups for all-day comfort.



PN: 4XD0X88524

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## Performance

### Processor

Intel U or H Series Core Ultra 5/7 Processor (Series 1)

### Operating System

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language  
Ubuntu Linux

### Graphics<sup>1</sup>

Intel Graphics (integrated)  
Intel Arc Graphics (integrated)

<sup>1</sup>Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

### Memory<sup>2</sup>

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

<sup>2</sup>Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

### 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 with noise-cancelling

### Camera\*

HD 720p, with privacy shutter  
FHD 1080p, with privacy shutter  
FHD 1080p + IR hybrid, with privacy shutter

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

47Wh or 57Wh battery, up to 11.58 hr  
47Wh battery supports Rapid Charge Pro  
57Wh battery supports Rapid Charge

<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.

### Power Adapter\*

65W USB-C adapter, PD 3.0

## Design

### Display<sup>6</sup>

16" WUXGA (1920x1200) IPS Anti-glare 16:10  
- 300nits, 45% NTSC, 60Hz  
- 300nits, 45% NTSC, 60Hz, touch  
- 400nits, 100% sRGB, 60Hz, Eyesafe

16" WQUXGA (2560x1600) IPS Anti-glare 16:10  
- 400nits, 100% sRGB, 60Hz, Eyesafe

<sup>6</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Keyboard

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

### Touchpad

TrackPoint and Mylar surface touchpad  
68 x 115 mm (2.68 x 4.53 inches)

### Dimensions<sup>7</sup>

Aluminium (top), aluminium (bottom) models:  
Starting at 356.1 x 247.7 x 19.85 mm (14.02 x 9.75 x 0.78 inches)

Aluminium (top), PC-ABS (bottom) models:  
Starting at 356.1 x 247.7 x 20.20 mm (14.02 x 9.75 x 0.80 inches)

<sup>7</sup>The system dimensions may vary depending on configurations.

### Weight<sup>8</sup>

Aluminium (top), aluminium (bottom) models:  
starting at 1.81 kg (3.99 lbs)

Aluminium (top), PC-ABS (bottom) models:  
starting at 1.78 kg (3.92 lbs)

<sup>8</sup>The system weight is approximate and may vary depending on configurations

### Color

Graphite black

### Case material

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

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth<sup>9 10</sup>

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.2 or 5.3  
Up to Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.3

<sup>9</sup>Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

<sup>10</sup>Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

### 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 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 & DP 1.4  
1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 & DP 2.1  
1x HDMI 2.1, up to 4K/60Hz  
1x Ethernet (RJ-45)  
1x Headphone / microphone combo jack (3.5mm)

### Docking

Docking support via Thunderbolt or USB-C

## Security & Privacy

### Security

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

## Manageability

### System Management\*<sup>11</sup>

Intel vPro Enterprise\*

<sup>11</sup>Intel vPro offers a superset of DASH's defined capabilities

## Certifications

### Green Certifications<sup>12 13 14</sup>

EPEAT Gold Registered  
ENERGY STAR 8.0  
ErP Lot 6  
ErP Lot 26  
TCO Certified 9.0  
RoHS compliant

<sup>12</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>13</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.

<sup>14</sup>EPEAT is registered where applicable, please see [epeat.net](http://epeat.net) for registration status by country.

### Other Certifications

Eyesafe Certified 2.0\*  
TÜV Rheinland Low Blue Light (Hardware Solution)\*  
TÜV Rheinland Low Blue Light (Software Solution)\*