

# ThinkPad E16 Gen 2 (Intel)

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB

#### AI PC Category

AI PC

#### NPU

Integrated Intel® AI Boost, up to 11 TOPS

#### Graphics

Integrated Intel® Arc™ Graphics

#### Chipset

Intel® SoC Platform

#### Memory

2x 16GB SO-DIMM DDR5-5600

#### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

#### Max Memory<sup>[1]</sup>

Up to 64GB DDR5-5600

#### Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0

#### Storage Support<sup>[2]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

#### Storage Slot

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

#### Card Reader

No card reader

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Senary SN6141 codec

#### Speakers

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

#### Camera

FHD 1080p + IR Hybrid with Privacy Shutter

#### Microphone

2x, Array

#### Battery

Integrated 57Wh

#### Power Adapter

65W USB-C® (3-pin)

### DESIGN

#### Display<sup>[3]</sup>

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

#### Touchscreen

None

#### Keyboard

Backlit, Belgian

#### Case Color

Black

#### Case Material

Aluminium (Top), Aluminium (Bottom)

#### Pen

Pen Not Supported

#### Dimensions (WxDxH)<sup>[4]</sup>

356.1 x 247.7 x 19.85 mm (14.02 x 9.75 x 0.78 inches)

#### Weight<sup>[5]</sup>

Starting at 1.81 kg (3.99 lbs)

### SOFTWARE

#### Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M (RJ-45)

#### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

#### WWAN

Non-WWAN

#### SIM Card

None

#### NFC

None

#### 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 3.0 and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 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 2 \(Intel®\)](#)

### SECURITY & PRIVACY

#### Smart Card Reader

None

#### Security Chip

Discrete TPM 2.0 Enabled

#### Fingerprint Reader

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

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

#### Other Security

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

### MANAGEABILITY

#### System Management

Non-vPro®

### SERVICE

#### Base Warranty

1-year, Courier or Carry-in

#### Included Upgrade

2Y Depot Upgrade From 1Y Depot WHB(CPN)

### ACCESSORIES

#### Bundled Accessories<sup>[7]</sup>

None

### CERTIFICATIONS

#### Green Certifications<sup>[8]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

**TopSeller** : Yes **Announce Date** : 2024-12-30

**EAN / UPC / JAN** : 0198156800374 **End of Support** : 2030-10-19

Note:

[1] Maximum memory is only to test technical readiness of notebook but not shipped by Lenovo.

[2] 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.

[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[4] The system dimensions may vary depending on.....

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2455?M=21MA007JMB>

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

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories

### ThinkPad Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

## Recommended Services

BEST	4Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86619)
BETTER	3Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86701)
GOOD	3Y Onsite upgrade from 2Y Depot/CCI (5WS0W86640)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

**PSREF**  
Product Specifications  
Reference