ThinkPad E16 Gen 1 (Intel) 21JN00D7MZ

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-13700H, 14C (6P + 8E) / 20T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.7GHz, 24MB

Graphics[1]
Integrated Intel Iris® Xe Graphics

Chipset
Intel SoC Platform

Memory
16GB Soldered DDR4-3200 + 16GB SO-DIMM DDR4-3200

Memory Slots
One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Max Memory[2]
Up to 48GB (16GB soldered + 32GB SO-DIMM) DDR4-3200

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Support[3]
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB

Storage Slot
Two M.2 slots
• One M.2 2242 PCIe 3.0 x4 slot
• One M.2 2242 PCIe 4.0 x4 slot

Card Reader
No card reader

Audio Chip
High Definition (HD) Audio, Synaptic® CX11880 codec

Speakers
Stereo speakers, 2W x2, Dolby® Atmos®

Camera
FHD 1080p + IR Hybrid with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 57Wh

Power Adapter
65W USB-C® (3-pin)

DESIGN

Display[4]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

Keyboard
Backlit, Swiss

Case Color
Graphite Black

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)[5]
Starting at 356.1 x 247.7 x 19.85 mm (14.02 x 9.75 x 0.78 inches)

Weight[6]
Starting at 1.81 kg (3.99 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[7][8]
Wi-Fi® 6, 11ax 2x2 + BT5.1

Standard Ports
- 1x Ethernet (RJ-45)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x USB 2.0
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)

Docking
Various docking solutions supported via Thunderbolt or USB-C.
For more compatible docking solutions, please visit Docking for ThinkPad® E16 Gen 1 (Intel)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

Fingerprint Reader
Touch Style, 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

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
1-year, Courier or Carry-in

CERTIFICATIONS

Green Certifications[9]
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 26
- ErP Lot 6
- FSC certified package
- 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	: 2023-09-12
EAN / UPC / JAN	: 0197532857810	End of Support	: 2029-12-16



Product image is a sample, it may not match the real color of this model

Note:
[1] Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2292?M=21JN00D7MZ

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

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Recommended Accessories



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any mixed OS e...

Recommended Services

BEST	2Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36187)
BETTER	2Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A23747)
GOOD	2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0A23781)

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

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