# ThinkPad L16 Gen 2 (Intel) 21SA001FHV

PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**
Intel Core™ Ultra 5 225U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB Intel® Smart Cache

**AI PC Category**
AI PC[1]

**NPU**
Integrated Intel® AI Boost, up to 12 TOPS

**Graphics**
Integrated Intel® Graphics

**Chipset**
Intel® SoC Platform

**Memory**
1x 32GB SODIMM DDR5-5600

**Memory Slots**
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**[2]
Up to 64GB DDR5-5600

**Storage**
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

**Storage Slot**
One M.2 2280 PCIe® 4.0 x4 slot

**Max Storage Support**[3]
One drive, up to 2TB M.2 2280 SSD

**Card Reader**
No Card Reader

**Audio Chip**
High Definition (HD) Audio, Senary SN6147 codec

**Speakers**
Stereo speakers, 2W x2, optimized with Dolby Atmos®

**Microphone**
2x, Array

**Camera**
5.0MP + IR Discrete with Privacy Shutter

**Battery**
57Wh

**Power Adapter**
65W USB-C® (3-pin)

## DESIGN

**Display**
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz[4]

**Touchscreen**
None

**Screen-to-Body Ratio**
87%

**Pen**
Pen Not Supported

**Keyboard**
Backlit, Hungarian

**Dimensions (WxDxH)**[5]
357.2 x 253.4 x 10.96/19.67 (front/rear), 24.75(maximum) mm; 14.06 x 9.98 x 0.43/0.77 (front/rear), 0.97 (maximum) inches

**Weight**[6]
Starting at 1.79 kg (3.96 lbs)

**Case Color**
Black

**Case Material**
PC-ABS (Top), PC-ABS (Bottom)

## SOFTWARE

**Operating System**
Windows® 11 Pro, Hungarian / English

## CONNECTIVITY

**WLAN + Bluetooth**
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**
WWAN Upgradable to 4G

**SIM Card**
No physical SIM card inbox

**Ethernet**
100/1000M (RJ-45)

**NFC**
No NFC

**Standard Ports**
- 1x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

**Optional Ports (configured)**
- 1x Smart Card Reader
- 1x Nano-SIM Card Slot

**Docking**
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® L16 Gen 2 (Intel®)

## SECURITY & PRIVACY

**ThinkShield**
ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials, visit here

**Security Chip**
Discrete TPM 2.0 Enabled

**Physical Locks**
Kensington Nano Security Slot™, 2.5 x 6 mm

**Smart Card Reader**
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)
- Privacy Guard with Privacy Alert (software solution)

## MANAGEABILITY

**System Management**
Non-vPro®

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
3Y Onsite upgrade from 1Y Courier/Carry-in ESS (CPN)

## ACCESSORIES

## CERTIFICATIONS

**Green Certifications**
- ENERGY STAR® 9.0
- EPEAT™ Gold Registered[7]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**
MIL-STD-810H military test passed

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 0198157937147 |
| **Announce Date** | : 2025-05-20 | **End of Support** | : 2031-12-20 |

- 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 see more note information, please access the web page.

## 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

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## Recommended Accessories

Denmark



**Lenovo Wired VoIP Headset 5000 (Teams)**
4XD1R88995



**Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black-Nordic** 4X31R64497

Please click here to view the full list of accessories.

## Recommended Services

| | |
|---|---|
| BEST | 3Y Premier Support for AIPC upgrade from 3Y Onsite + 3Y Sealed Battery Add On + CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1U94061, 5WS0A23013, 5WS1L72255) |
| BETTER | 3Y Premier Support for AIPC upgrade from 3Y Onsite + 3Y Sealed Battery Add On (5WS1U94061, 5WS0A23013) |
| GOOD | 3Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1U94061) |

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