

# ThinkPad L16 Gen 1 (Intel)

## PERFORMANCE

<b>Processor</b>	Intel® Core™ Ultra 7 165U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.9GHz, 12MB
<b>AI PC Category</b>	AI PC
<b>NPU</b>	Integrated Intel® AI Boost, up to 11 TOPS
<b>Graphics</b>	Integrated Intel® Graphics
<b>Chipset</b>	Intel® SoC Platform
<b>Memory</b>	1x 16GB SO-DIMM DDR5-5600
<b>Memory Slots</b>	Two DDR5 SO-DIMM slots, dual-channel capable
<b>Max Memory<sup>[1]</sup></b>	Up to 64GB DDR5-5600
<b>Storage</b>	512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
<b>Storage Support<sup>[2]</sup></b>	One drive, up to 2TB M.2 2280 SSD
<b>Storage Slot</b>	One M.2 2280 PCIe® 4.0 x4 slot
<b>Card Reader</b>	None
<b>Optical</b>	None
<b>Audio Chip</b>	High Definition (HD) Audio, Senary SN6147 codec
<b>Speakers</b>	Stereo speakers, 2W x2, Dolby Audio™
<b>Camera</b>	5.0MP + IR Discrete with Privacy Shutter
<b>Microphone</b>	2x, Array
<b>Battery</b>	Integrated 57Wh
<b>Power Adapter</b>	65W USB-C® Slim (2-pin)
<b>DESIGN</b>	
<b>Display<sup>[3]</sup></b>	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch
<b>Touchscreen</b>	On-cell, 10-point Multi-touch

<b>Keyboard</b>	Backlit, English
<b>Case Color</b>	Black
<b>Case Material</b>	PC-ABS (Top), PC-ABS (Bottom)
<b>Pen</b>	Pen Not Supported
<b>Dimensions (WxDxH)<sup>[4]</sup></b>	357.2 x 253.4 x 20.78 mm (14.06 x 9.98 x 0.82 inches)
<b>Weight<sup>[5]</sup></b>	Starting at 1.77 kg (3.90 lbs)

## SOFTWARE

<b>Operating System</b>	Windows® 11 Pro, English
<b>Bundled Software</b>	None

## CONNECTIVITY

<b>Ethernet</b>	100/1000M (RJ-45)
<b>WLAN + Bluetooth<sup>[6]</sup></b>	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
<b>WWAN</b>	Non-WWAN
<b>SIM Card</b>	None
<b>NFC</b>	None
<b>Standard Ports</b>	<ul style="list-style-type: none"><li>1x USB-A (Hi-Speed USB / USB 2.0)</li><li>2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On</li><li>1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4</li><li>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1</li><li>1x HDMI® 2.1, up to 4K/60Hz</li><li>1x Headphone / microphone combo jack (3.5mm)</li><li>1x Ethernet (RJ-45)</li></ul>
<b>Optional Ports (configured)</b>	None

<b>Docking</b>	Various docking solutions supported via Thunderbolt™ or USB-C®.
	For more compatible docking solutions, please visit <a href="#">Docking for ThinkPad® L16 Gen 1 (Intel®)</a>

## SECURITY & PRIVACY

<b>Smart Card Reader</b>	None
<b>Security Chip</b>	Discrete TPM 2.0 Enabled
<b>Fingerprint Reader</b>	Touch Style, Match-on-Chip, Integrated in Power Button
<b>Physical Locks</b>	Kensington® Nano Security Slot™, 2.5 x 6 mm
<b>Other Security</b>	<ul style="list-style-type: none"><li>Camera privacy shutter</li><li>IR camera for Windows® Hello (facial recognition)</li></ul>

## MANAGEABILITY

<b>System Management<sup>[7]</sup></b>	Intel® vPro® Enterprise
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## SERVICE

<b>Base Warranty</b>	1-year, Courier or Carry-in
<b>Included Upgrade</b>	None

## ACCESSORIES

<b>Bundled Accessories<sup>[8]</sup></b>	None
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## CERTIFICATIONS

<b>Green Certifications<sup>[9]</sup></b>	<ul style="list-style-type: none"><li>ENERGY STAR® 8.0</li><li>EPEAT™ Gold Registered</li><li>ErP Lot 6/26</li><li>RoHS compliant</li><li>TCO Certified 9.0</li></ul>
<b>Mil-Spec Test</b>	MIL-STD-810H military test passed

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-04-16
<b>EAN / UPC / JAN</b>	: 197530510946	<b>End of Support</b>	: 2030-11-16

Note:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[2]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[3]</sup> IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.

· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

To see more note information, please link to <https://psref.lenovo.com/Detail/2472?M=21L3001RUS>

## 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 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	3Y Premier Support Plus upgrade from 1Y Courier/Carry-in (5WS1L39383)
BETTER	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36154)
GOOD	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A14086)

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

**PSREF**  
Product Specifications  
Reference