

# ThinkPad L16 Gen 1 (Intel)

## PERFORMANCE

Processor	Intel® Core™ Ultra 7 155U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB
AI PC Category	AI PC
NPU	Integrated Intel® AI Boost, up to 11 TOPS
Graphics	Integrated Intel® 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	512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
Storage Support <sup>[2]</sup>	One drive, up to 2TB M.2 2280 SSD
Storage Slot	One M.2 2280 PCIe® 4.0 x4 slot
Card Reader	None
Optical	None
Audio Chip	High Definition (HD) Audio, Senary SN6147 codec
Speakers	Stereo speakers, 2W x2, Dolby Audio™
Camera	5.0MP + IR Discrete with Privacy Shutter
Microphone	2x, Array
Battery	Integrated 46.5Wh
Power Adapter	65W USB-C® (3-pin)
DESIGN	
Display <sup>[3]</sup>	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC
Touchscreen	None
Keyboard	Non-backlit, English

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

## SOFTWARE

Operating System	Windows® 11 Pro, English
Bundled Software	None

## CONNECTIVITY

Ethernet	100/1000M (RJ-45)
WLAN + Bluetooth <sup>[6]</sup>	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN	Non-WWAN
SIM Card	None
NFC	None
Standard Ports	<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>

Optional Ports (configured)	None
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Docking	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

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	<ul style="list-style-type: none"><li>Camera privacy shutter</li><li>IR camera for Windows® Hello (facial recognition)</li></ul>

## MANAGEABILITY

System Management	Non-vPro®
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## SERVICE

Base Warranty	1-year, Courier or Carry-in
Included Upgrade	1Y Onsite upgrade from 1Y Courier/Carry-in, CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

## ACCESSORIES

Bundled Accessories <sup>[7]</sup>	None
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## CERTIFICATIONS

Green Certifications <sup>[8]</sup>	<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>
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Mil-Spec Test	MIL-STD-810H military test passed
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## MODEL

TopSeller	: Yes	Announce Date	: 2024-11-30
EAN / UPC / JAN	: 198156426994	End of Support	: 2030-11-16

Note:

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

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

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

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

[5] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2472?M=21L30059AU>

## 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 Onsite (5WS1L42097)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36178)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WS0K18197)

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

**PSREF**  
Product Specifications  
Reference