

ThinkPad T16 Gen 4 (Intel)

PERFORMANCE

Processor	Intel® Core™ Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB
AI PC Category ^[1]	AI PC
NPU	Integrated Intel® AI Boost, up to 12 TOPS
Graphics	Integrated Intel® Graphics
Chipset	Intel® SoC Platform
Memory	2x 16GB SODIMM DDR5-5600
Memory Slots	Two DDR5 SODIMM / CSODIMM slots, dual-channel capable
Max Memory	Up to 64GB DDR5-6400
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
Storage Support ^[2]	One drive, up to 2TB M.2 2280 SSD
Storage Slot	Models with U series processor: one M.2 2280 PCIe® 4.0 x4 slot
Card Reader	None
Optical	None
Audio Chip	High Definition (HD) Audio, Realtek® ALC3287 codec
Speakers	Stereo speakers, 2W x2, Dolby Audio™
Camera	5.0MP + IR Discrete with Privacy Shutter
Microphone	2x, 360°
Battery	86Wh
Power Adapter	100W USB-C® Slim (3-pin)

DESIGN

Display ^[3]	16" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, Low Power
Touchscreen	None

Keyboard	Backlit, German
Case Color	Black
Case Material	PC + 20% CF (Top), PC + 20% CF (Bottom)
Pen	Pen Not Supported
Dimensions (WxDxH) ^[4]	359.7 x 250.8 x 11.8/18.14 (front/rear), 23.65 (maximum) mm; 14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches
Weight ^[5]	Starting at 1.98 kg (4.37 lbs)

SOFTWARE

Operating System	Windows® 11 Pro, German
Bundled Software	None

CONNECTIVITY

WLAN + Bluetooth ^[6]	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN	Quectel EM061K-GL, 4G LTE CAT6, with Embedded eSIM
SIM Card	None
Ethernet	100/1000M (RJ-45)
NFC	None
Standard Ports	<ul style="list-style-type: none">1x USB-A (USB 5Gbps / USB 3.2 Gen 1)1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.11x HDMI® 2.1, up to 4K/60Hz1x Headphone / microphone combo jack (3.5mm)1x Ethernet (RJ-45)
Optional Ports (configured)	<ul style="list-style-type: none">1x Smart Card Reader1x Nano-SIM Card Slot

Docking	Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® T16 Gen 4 (Intel®)
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SECURITY & PRIVACY

Smart Card Reader	Smart Card Reader
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">Camera privacy shutter (camera models)Ultrasonic Human Presence DetectionIR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management	Non-vPro®
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SERVICE

Base Warranty	3-year, Courier or Carry-in
Included Upgrade	1Y Premier WHB (CPN)

ACCESSORIES

Bundled Accessories	None
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CERTIFICATIONS

Green Certifications ^[7]	<ul style="list-style-type: none">ENERGY STAR® 9.0EPEAT™ Gold RegisteredErP Lot 6/26RoHS compliantTCO Certified 10.0
Other Certifications	Eyesafe® Certified 2.0
Mil-Spec Test	MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2025-05-13
EAN / UPC / JAN	: 0198157858541	End of Support	: 2031-12-13

Note:
[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.
[2] 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/2582?M=21QE0046GE>

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

BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B38518)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1B38518)

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

PSREF
Product Specifications
Reference