

Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkPad T16 Gen 4 (Intel)

Engineered for high-paced professionals who operate beyond the confines of a desk, this laptop brings adaptive performance to every scenario. With up to Intel® U or H Series Core Ultra 7 Processor and up to 97 TOPS of AI performance, it accelerates workflows ranging from real-time data modeling in finance to AI-assisted rendering in creative fields. Optional Intel® Arc™ 140T graphics support fluid multitasking for engineers and designers, while up to 64GB DDR5 memory enables seamless transitions between resource-heavy applications, boosting productivity for professionals who demand power on the go.



A 16" WUXGA display with optional multi-touch and 100% sRGB offers vivid detail and intuitive interaction, ideal for educators annotating presentations or architects reviewing visual drafts. A rich array of USB-A, USB-C®, DisplayPort™, and HDMI ports, combined with Intel® Wi-Fi® 7, ensures fast, flexible connectivity in any setting.

Up to 2TB M.2 2280 SSD provides ample, rapid-access storage for large project files. With Discrete TPM 2.0 and an optional fingerprint reader, data stays secure even across mobile work environments.

Designed for seamless web conferencing, it features stereo speakers with Dolby Audio™, a dual-microphone array, and up to a 5.0MP IR camera with privacy shutter and noise reduction for clear, secure, professional communication anywhere.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

Accessories

Lenovo Wired ANC Headset Gen 2



- Active Noise Cancellation
- Certified for Zoom and Microsoft Teams
- Inline Control Box with LED Indication

PN: Teams : 4XD1M45627, UC : 4XD1M39029

ThinkPad Bluetooth Silent Mouse



- Left/Right hand, easy-to-carry low profile mouse
- Switch between 2 devices with dual-host Bluetooth 5.0 connectivity
- 2-way scrolling with on-the-fly DPI adjustment (2400, 1600, 800)

PN: With Battery : 4Y50X88822 Without Battery : 4Y50X88823

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Performance

Processor
Intel U or H Series Core Ultra 5/7 Processor (Series 2)

AI PC Category [1]
AI PC

[1]Lenovo AI PC is only for the models with Lenovo AI Now

AI Performance
Up to 97 overall TOPS

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Linux
Ubuntu Linux

NPU
Integrated Intel AI Boost, up to 13 TOPS

Graphics [1]
Intel Graphics (integrated)
Intel Arc 130T GPU (integrated)
Intel Arc 140T GPU (integrated)

[1]Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

Memory [2 1 1 1 2]
Up to 64GB DDR5-5600, 2x CSODIMM

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

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

Storage [3 2 3 2 2 3 1 3]
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

[3]The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[2]The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[3]2.5" HDD bay is optional part, only for customer self upgrade purpose and the hard drive is sold separately.

[2]The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

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[3]Discrete NPU and 3rd SSD are mutually exclusive.

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

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

Audio*
High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Audio
Dual-microphone array, 360° far-field, Dolby Voice*

Camera* [4]
5.0MP, with privacy shutter, temporal noise reduction
5.0MP + IR discrete, with privacy shutter, temporal noise reduction

[4]To comply with the regulation rules in each country, the camera with radar sensor is only selectable for the following countries/regions.

Battery [2 4]
52.5Wh or 86Wh battery, up to 11.5 hr, Rapid Charge

[2]Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

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Power Adapter*
65W USB-C adapter, PD 3.0
65W USB-C nano GaN adapter, PD 3.0
65W USB-C slim GaN adapte
100W USB-C slim adapte

Design

Display [3 5]
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 400nits, 45% NTSC
- 400nits, 45% NTSC, touch, Eyesafe
- 500nits, 100% sRGB, low power, Eyesafe
- 500nits, 100% sRGB, touch, ThinkPad Privacy Guard

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

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Keyboard
6-row, spill-resistant, numeric keypad, Copilot Key, optional backlight

Touchpad
TrackPoint and glass-like Mylar surface 3-button Trackpad
67.7 x 115 mm (2.67 x 4.53 inches)

Dimensions [5 4 3 6 4 6]
Starting at 359.7 x 250.8 x 11.8/18.14 (front/rear), 23.5 (maximum) mm;
14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches

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

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

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

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

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

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

Weight [6 5 4 7 5 7]
Models with 52.5Wh battery: starting at 1.76 kg (3.89 lbs)
Models with 86Wh battery: starting at 1.98 kg (4.37 lb

[6]The system weight is approximate and may vary depending on configurations

[5]The system weight is approximate and may vary depending on configurations

[4]The system weight is approximate and may vary depending on configurations

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Color
Black

Case material
PC + 20% CF (top), PC + 20% CF (bottom)

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2025 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.