ThinkPad T16 Gen 1 (Intel)

This new ThinkPad comes with comprehensive security and other modern features that help users stay productive from anywhere. It is powered by the 12th Generation Intel Core Processors with up to 20 cores for fluid performance when working on heavy-duty applications. The expansive 16" anti-glare display with onboard Intel Iris Xe Graphics and discrete NVIDIA GeForce renders lifelike visuals – ideal for designing or viewing content. Comprehensive security solutions provide layers of defenses against even sophisticated security threats.

Equipped with a slew of ports, including 2x Thunderbolt 4 ports for transferring large files or huge data at lightning speed. Multitask seamlessly by connecting external monitors and other peripherals with onboard HDMI, 2x USB 3.2 Gen1, and a mechanical connector.

Optional IR camera for windows hello prevents shoulder surfing, while the optional camera shutter protects user privacy during calls or meetings. A Kensington lock slot helps to keep your device and data secure.

Minimal preloaded applications mean maximum battery life and responsiveness for users, and faster deployment for IT admins.

Lenovo devices that are a class apart

The ultimate productivity notebook, ThinkPad T Series will keep users productive all day with long battery life, docking and enhanced connectivity options, security and manageability features.

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..

PN: 4XD0T32974

Premier Support

Talk directly with advanced technical support agents
Support for software & hardware
Next business day onsite repairs

Accessories

ThinkPad Professional Backpack

Lightweight bag (1.3kg/2.87lbs) with unique design that cradles a laptop for superior protection
Compatible with laptops up to 15.6"
Hidden security pocket for valuables and a tablet storage pouch

PN: 4X40Q26383

Lenovo 700 Ultraportable Bluetooth Speaker

Just 11mm (0.43") thin and weighing 145g (0.32lb), this ultra-thin Bluetooth speaker delivers 360-degree sound with 2x 2Watt power output
Supports Siri and Google Assistant voice commands for your iOS and Android devices, as well as a dedicated button for taking calls
Fast-charges in 2 hours and lasts for up to 12hours of audio playback or voice calls

PN: 4XD0T32974

ThinkPad T16 Gen 1 (Intel)

Performance

Processor
12th Gen Intel U or P Series Core i5 / i7

Operating System
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Linux
Ubuntu Linux

Graphics [1]
Intel Iris Xe Graphics eligible (integrated)
NVIDIA GeForce MX550

[1]Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Memory [2]
Up to 40GB or 48GB DDR4-3200, 1x Soldered + 1x SO-DIMM

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

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

[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, far-field, Dolby Voice*

Camera
HD 720p, with privacy shutter
FHD 1080p, with privacy shutter
FHD 1080p + IR hybrid, with privacy shutter

Battery [4]
52.5Wh or 86Wh battery, up to 10.1 hr, Rapid Charge

[4]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.

Power Adapter
45W USB-C adapter, PD 3.0
65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0
135W USB-C slim adapter, PD 3.0

Design

Display [5]
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC
- 300nits, 45% NTSC, touch
- 400nits, 100% sRGB, low power, Eyesafe
- 500nits, 100% sRGB, touch, ThinkPad Privacy Guard

16" WQXGA (2560x1600) IPS Anti-glare 16:10
- 400nits, 100% sRGB, Eyesafe

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

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

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

Dimensions [6]
Integrated graphics models:
361.9 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)
Discrete graphics models:
361.9 x 255.5 x 21.1 mm (14.25 x 10.06 x 0.83 inches)

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

Weight [7]
Starting at 1.769 kg (3.9 lbs)

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

Color
Storm grey
Thunder black

Case material
Aluminium or PC + 20% CF + 50% GF (top), PPS (bottom)

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth [8] [9]
802.11ax (Wi-Fi 6E), Bluetooth 5.1
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.1

[8]Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

[9]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

WWAN
4G LTE CAT4
4G LTE CAT16

NFC
Near Field Communication*

Ports
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
2x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4)
1x HDMI 2.1, up to 4K/60Hz
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)
1x Smart card reader*
1x Nano-SIM card slot (WWAN support models)*

Docking
Docking support via Thunderbolt or USB-C

Security & Privacy

Discrete TPM 2.0
Kensington Nano Security Slot
Smart card reader*
Touch style MOC fingerprint reader*
Camera privacy shutter*
IR camera for Windows Hello*
Privacy Guard with Privacy Alert*
Human Presence Detection (software)
Glance by Mirametrix

Manageability

Intel vPro Enterprise*

[10]Intel vPro offers a superset of DASH's defined capabiliti

Certifications

Green Certifications [11] [12]
ENERGY STAR 8.0*
EPEAT Gold Registered*
ErP Lot 3
TCO Certified 9.0
RoHS compliant

[11]The items listed under the "Green Certifications" section may not only refer to certification but also registration self-declaration.

[12]EPEAT is registered where applicable, please see https://www.epeat.net for registration status by country

Other Certifications
Eyesafe Certified*
MIL-STD-810H