

# 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..



### 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  
Windows 10 IoT Enterprise LTSC 2021  
Linux  
Ubuntu Linux

### Graphics<sup>1</sup>

Intel Iris Xe Graphics eligible (integrated)  
NVIDIA GeForce MX550

<sup>1</sup>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<sup>2</sup>

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

<sup>2</sup>The max memory is based on the test results with current Lenovo memory offerings.

### Storage<sup>3</sup>

Up to 1x 2TB M.2 2280 PCIe NVMe SSD

<sup>3</sup>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<sup>4</sup>

52.5Wh or 86Wh battery, up to 10.1hr, Rapid Charge

<sup>4</sup>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<sup>5</sup>

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

<sup>5</sup>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<sup>6</sup>

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)

<sup>6</sup>The system dimensions may vary depending on configurations.

### Weight<sup>7</sup>

Starting at 1.769 kg (3.9 lbs)

<sup>7</sup>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<sup>8 9</sup>

802.11ax (Wi-Fi 6E), Bluetooth 5.1  
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.1

<sup>8</sup>Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

<sup>9</sup>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

### Security

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

### System Management<sup>10</sup>

Intel vPro Enterprise\*

<sup>10</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Certifications

### Green Certifications<sup>11 12</sup>

ENERGY STAR 8.0\*  
EPEAT Gold Registered\*  
ErP Lot 3  
TCO Certified 9.0  
RoHS compliant

<sup>11</sup>The items listed under the "Green Certifications" sector may not only refer to certification but also registration or self-declaration.

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

### Other Certifications

Eyesafe Certified\*  
MIL-STD-810H