

# ThinkPad T16 Gen 5 (Intel)

Empowering business professionals to manage projects on the go, this next-generation ThinkPad, powered by the latest Intel® Core™ Ultra 5 / 7 / X7 Processor (Series 3), delivers exceptional performance. Whether handling resource-intensive tasks such as data analysis, video editing, or running sophisticated software applications, this device excels in all scenarios. With the integration of Copilot+ PC, the laptop optimizes system performance, ensuring a smooth and intuitive user experience. It intelligently manages system resources, keeping the laptop responsive and minimizing slowdowns. Configured with up to 64GB LPCAMM2 LPDDR5x-8533 memory, it significantly enhances overall system responsiveness, enabling faster data transfers and more efficient multitasking.



## Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkPad T series laptops offer professional-grade durability, powerful performance with good processors, ample memory, and fast SSD storage. They feature robust security features and long battery life for productivity on-the-go.

The 2W dual Dolby Atmos® stereo speakers deliver rich, immersive sound quality, perfect for crisp video conferencing and impactful multimedia presentations on the go. Optional 5.0MP + IR discrete cameras with a built-in privacy shutter ensure crystal-clear video while maintaining security and confidentiality.

Powering long work sessions, the 75Wh rechargeable Li-ion battery supports Rapid Charge technology, enabling users to recharge up to 80% in just an hour, reducing downtime between meetings or while traveling.

Built for energy efficiency, the device meets ENERGY STAR® 9.0 standards and is EPEAT™ Gold Registered, helping organizations reduce power consumption and support sustainability goals without sacrificing performance or reliability on the move.

## 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..



## Accessories

### Lenovo Wireless Multi-Mode Pro Mouse 6000

- Switch between three devices via multi-mode connectivity.
- Work in silence with whisper-quiet, precise clicks.
- Enjoy long-lasting performance with up to 36-month battery.



PN: 4Y51S61874 - 4Y51S61875

### Thinkpad Essential 16" Backpack (Eco)

- Two internal compartments (one for notebooks up to 16"), two front zipper pockets, and one side mesh water bottle sleeve that ensure you'll never run out of space.
- A padded top handle. And a rear luggage strap. Every feature is crafted for convenience and comfort.
- Elegant black nylon exterior, grey interior lining, and a splash of red accents.



PN: 4X41C12468

# ThinkPad T16 Gen 5 (Intel)

## Performance

### Processor

Intel Core Ultra 5 / 7 / X7 Processor (Series 3)

### AI PC Category\*

Copilot+ PC

### Operating System\*

Windows 11 Pro or Home  
Ubuntu Linux

### NPU\*

Up to 50 TOPS

### Graphics

Intel Graphics (integrated)  
Intel Arc B370 GPU (integrated)  
Intel Arc B390 GPU (integrated)

### Memory

Up to 64GB LPCAMM2 LPDDR5X-7467

### Storage

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

### Audio\*

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

### Camera\*

5.0MP + IR discrete, with privacy shutter, vHDR, CV on ISP, temporal noise reduction  
5.0MP + IR discrete, with privacy shutter, temporal noise reduction  
5.0MP, with privacy shutter, temporal noise reduction

### Battery

60Wh or 75Wh battery, up to 17.4 hr, Rapid Charge

### Power Adapter\*

65W USB-C adapter, PD 3.0  
65W USB-C nano GaN adapter, PD 3.0  
65W USB-C slim GaN adapter, PD 3.0  
100W USB-C slim adapter, PD 3.0  
100W dual-port USB-C GaN adapter, PD 3.0

## Design

### Display

16" WUXGA (1920x1200) IPS Anti-glare 16:10  
- 400nits, 45% NTSC, 3M DBEF5  
- 500nits, 100% sRGB, in-cell touch, low power, Eyesafe  
- 500nits, 100% sRGB, on-cell touch, ThinkPad Privacy Guard, Eyesafe  
16" 2.8K (2880x1800) OLED Anti-glare 16:10  
- 500nits, 100% DCI-P3, 120Hz VRR, DisplayHDR True Black 600, Dolby Vision, Eyesafe

### Screen-to-Body Ratio

88.85%

### Keyboard

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

### Touchpad

TrackPoint and glass-like Mylar surface 3-button Trackpad  
74.3 x 115 mm (2.93 x 4.53 inches)

### Dimensions

Starting at 357.9 x 247.9 x 11.45 / 18.2 (front / rear), 23.8 (maximum) mm  
14.09 x 9.76 x 0.45 / 0.72 (front / rear), 0.94 (maximum) inches

### Weight

Starting at 1.63 kg (3.58 lbs)

### Color

Black

### Case material

WLAN models: AI stamping / 50% PIC (top), PC + 20% CF (bottom)  
WWAN models: AI stamping / 50% PIC (top), PC + 40% GF (bottom)

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth\*

Intel Wi-Fi 7 BE211, 802.11be, Bluetooth 5.4

### WWAN\*

4G LTE CAT1 with embedded eSIM  
4G LTE CAT6 with embedded eSIM  
5G Sub-6 GHz with embedded eSIM

### NFC

Near Field Communication\*

### Ports

1x USB-A (USB 5Gbps)  
1x USB-A (USB 5Gbps), Always On  
2x Thunderbolt 4, with USB PD 15-100W & DP 2.1  
1x HDMI 2.1, up to 4K/60Hz  
1x Headphone / microphone combo jack (3.5mm)  
1x Ethernet (RJ-45)  
1x Smart card reader\*  
1x Nano-SIM card slot (WWAN support models)\*

### Docking

Docking support via Thunderbolt / USB-C

## Security & Privacy

### Security

ThinkShield  
Discrete TPM 2.0  
Kensington Nano Security Slot  
Smart card reader, supports ISO 7816 and EMV\*  
Touch style MOC fingerprint reader\*  
Camera privacy shutter\*  
IR camera for Windows Hello (facial recognition)\*  
Computer Vision-based Human Presence Detection\*  
Privacy Guard with Privacy Alert\*

## Manageability

### System Management\*

Intel vPro Enterprise\*

## Environmental

### Material

Top cover: AI stamping (50% PIC)  
Keyboard frame: 90% recycled magnesium  
Bottom cover: PC/CF 30% PCC (WLAN models) or PC/GF 45% PCC (WWAN models)  
Keyboard (keycaps): 85% PCC Plastic  
Keyboard (Frame): 65% PCC  
Keyboard (base plate): 90% recycled stainless steel  
Speaker enclosure: 90% PCC recycled plastic  
Battery: 100% recycled cobalt  
Battery frame: 90% PCC recycled plastic  
Adapter: 90% PCC recycled plastic  
Cable/antenna holders: 30% PCC+5% Lenovo closed-loop PCC  
Fan housing: 25% PCC plastic, 90% Recycled steel  
Packaging: Plastic-free packaging with FSC-certified paper

## Certifications

### Green Certifications

ENERGY STAR 9.0  
EPEAT Gold Registered  
ErP Lot 6/26  
TCO Certified, generation 10  
RoHS compliant

### Other Certifications

Eyesafe Certified 2.0\*  
MIL-STD-810H