

# ThinkPad T1g Gen 8

Engineered for those constantly on the move, this laptop empowers professionals with cutting-edge performance. At its core, the Intel® H Series Core Ultra 9 processor with up to 16 cores handles demanding workloads effortlessly, while integrated Intel® AI Boost accelerates tasks with up to 13 TOPS. Multitasking flows smoothly, supported by up to 64GB DDR5x memory, and uninterrupted connectivity is ensured by Intel® Wi-Fi® 7. From data analysis to creative content creation, this combination of power and speed enables seamless productivity across diverse industries.



## Elevate Professional Endeavors with Powerhouse Workstations

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.

Visual clarity meets high-performance graphics, driven by NVIDIA® GeForce RTX™ 5070 with 8GB GDDR7 memory. The 16-inch display, with optional 3.2K resolution, touch film, and 600 nits brightness covering 100% DCI-P3, delivers stunning visuals. Users can work across up to four independent displays for unmatched versatility.

Secure and expansive storage is built in, with up to 4TB SSD capacity. Discrete TPM 2.0, touch fingerprint reader on the power button, match-on-chip, and IR camera ensure advanced authentication without compromising on convenience.

With HD Audio, 2W x2 stereo speakers enhanced by Dolby Atmos, and a dual-microphone array with Dolby Voice, paired with a 5.0MP camera, this laptop ensures clear, immersive, and professional-quality web conferencing experiences 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..



## Accessories

### Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse



- Transform your workspace into a clutter-free, cable-free zone for ultimate productivity.
- The mouse's Optical IR Sensor ensures precise tracking, with 4-way scrolling for smooth, versatile navigation.
- Keyboard layouts are tailored to vary by language, ensuring accessibility and usability for all users.

PN: 4X31K03931 - 4X31K03978

### Lenovo Go Wired Speakerphone



- Microsoft Teams certified, omni-directional far-field 2x microphones array
- Portable plug-and-play capabilities and effortless PC UC support
- Comes with intuitive control with volume wheel, tactile keys, and readable LEDs

PN: 4XD1C82055, GXD1C82051

# ThinkPad T1g Gen 8

## Performance

### Processor

Intel H Series Core Ultra 5 / 7 / 9 Processor (Series 2)

### AI PC Category\*

AI-Ready Workstations

### Operating System\*

Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language  
Fedora Linux  
Ubuntu Linux

### NPU\*

Integrated Intel AI Boost, up to 13 TOPS

### Graphics

NVIDIA GeForce RTX 5060 8GB GDDR7 Laptop GPU  
NVIDIA GeForce RTX 5070 8GB GDDR7 Laptop GPU

### Memory

Up to 64GB LPDDR5x-7467, 1x LPCAMM2 connector

### Storage<sup>1</sup>

Up to two M.2 2280 Gen 5 Performance SSD; up to 8TB total, 4TB each

<sup>1</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 Atmos  
Dual-microphone array, far-field, Dolby Voice

### Camera\*

5.0MP + IR with privacy shutter and Computer Vision  
Human Presence Detection on Image Signal Processor (ISP), temporal noise reduction

### Battery<sup>2</sup>

90Wh battery, Rapid Charge

<sup>2</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\*

140W USB-C GaN adapter, PD 3.1

## Design

### Display<sup>3</sup>

16" WUXGA (1920x1200) IPS Anti-glare  
- 500nits, 100% sRGB, 60Hz, Low Power, Eyesafe, TÜV Low Blue Light  
16" WQUXGA (3840x2400) IPS Anti-glare  
- 800nits, 100% DCI-P3, 60Hz, DisplayHDR 400, Dolby Vision, Eyesafe, TÜV Low Blue Light  
16" 3.2K (3200x2000) Tandem OLED AGARAS  
- 600nits, 100% DCI-P3, 40-120Hz, DisplayHDR 600, Dolby Vision, Eyesafe, TÜV Low Blue Light, Touch

<sup>3</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Keyboard

6-row, spill-resistant, Copilot key, backlight

### Touchpad

TrackPoint pointing device and glass surface Haptic Touchpad,  
85 x 135 mm (3.35 x 5.31 inches)

### Dimensions<sup>4</sup>

354.3 x 241.0 x 9.9 / 15.8 (front / rear), 20.6 (maximum) mm  
13.95 x 9.49 x 0.39 / 0.62 (front / rear), 0.81 (maximum) inches

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight<sup>5</sup>

Starting at 1.84 kg / (4.06 lbs)

<sup>5</sup>The system weight is approximate and may vary depending on configurations

### Color

Black

### Case material

Aluminium (top), aluminium (bottom)

## Connectivity

### WLAN + Bluetooth\*

Intel Wi-Fi 7 BE201, 802.11be, Bluetooth 5.4

### NFC

Near Field Communication\*

### Ports

1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On 1x HDMI 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x SD Express 7.0 card reader 2x Thunderbolt 5, with USB PD 3.1 1x Thunderbolt 4, with USB PD 3.1 1x Ethernet (2.5GbE RJ-45), via Lenovo USB-C to Ethernet Adapter (2.5Gbps)\*

## 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 (facial recognition)\*  
Computer Vision-based User Presence Sensing\*

## Manageability

### System Management\*

Intel vPro Enterprise\*

## Environmental

### Material

90% Recycled Magnesium Aluminum C Cover  
75% Recycled Aluminum A Cover  
55% Recycled Aluminum D Cover  
50% PCC Plastic D Cover (Attached Internal Components)  
90% PCC Plastic 140W AC Adapter  
46% Total PCC Plastic/Plastic Free Packaging with 90% Recycled and / or FSC Certified Content

## Certifications

### Green Certifications<sup>6 7 8</sup>

ENERGY STAR 9.0  
EPEAT Gold Registered  
TCO Certified, generation 10  
RoHS compliant

<sup>6</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>7</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>8</sup>EPEAT is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

Intel Evo Platform\*  
Eyesafe Certified 2.0  
TÜV Rheinland Low Blue Light  
MIL-STD-810H