

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 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

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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

Storage¹

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

¹The 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

Battery²

90Wh battery, Rapid Charge

²Battery 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

Display³

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

³IPS (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)

Dimensions⁴

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

⁴The system dimensions may vary depending on configurations.

Weight⁵

Starting at 1.84 kg / (4.06 lbs)

⁵The 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^{6 7 8}

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

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

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

⁸EPEAT is registered where applicable, please see epeat.net for registration status by country.

Other Certifications

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