

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.

ThinkPad T16g Gen 3



Designed for advanced business professionals, this Intel®-powered workstation combines cutting-edge performance in a sleek, durable design. Equipped with the latest Intel® HX Series Core Ultra 5 / 7 / 9 Processor (Series 2), it delivers exceptional multi-core performance for demanding workloads. Supporting up to 192GB of high-speed SO-DIMM DDR5-5600 memory, the system ensures seamless multitasking and accelerated data processing. Encased in a premium aluminum chassis with a refined top and bottom finish, the new design offers both durability and a professional aesthetic.

The 16" Tandem OLED display, available with an optional 3.2K resolution, delivers exceptionally sharp visuals and lifelike colors, perfect for professionals working in design, data visualization, or presentations. When paired with the optional Lenovo® Yoga® Pen, it offers a smooth, natural experience for sketching and note-taking, while the optional Add-on Film Touch enhances responsiveness for a more interactive touch experience.

The discrete NVIDIA GeForce RTX 5090 Blackwell Generation GPUs accelerate parallel processing tasks, enabling faster calculations and smoother handling of massive datasets. These GPUs enhance performance in applications such as R, Python, SAS, and MATLAB by offloading computations from the CPU, reducing wait times for modeling, forecasting, and simulations.

Configured with up to 12TB M.2 PCIe Gen5 NVMe Performance SSD, ensures ultra-fast data transfer rates, enabling seamless multitasking, delivering smoother performance, quicker rendering, and future-proof efficiency, ideal for creative professionals.

ThinkPad T16g Gen 3

Performance

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

Operating System*
Windows 11 Pro or Home

NPU*
Integrated Intel AI Boost, up to 13 TOPS

Graphics
NVIDIA GeForce RTX 5080
NVIDIA GeForce RTX 5090

Chipset
Intel WM880 chipset

Memory
Up to 192GB DDR5 Non-ECC or 128GB DDR5 ECC, 4x SODIMM

Storage
Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each

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
5.0MP with privacy shutter, temporal noise reduction

Battery
99.9Wh battery, Rapid Charge

Power Adapter*
180W USB-C GaN adapter, PD 3.1

Design

Display
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

Keyboard
6-row, spill-resistant, numeric keypad, Copilot key, backlight

Touchpad
TrackPoint and Mylar surface TrackPad
67 x 115 mm (2.64 x 4.53 inches)

Dimensions
362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm
14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches

Weight
Starting at 2.54 kg (5.6 lbs)

Color
Black

Case material
Aluminium (top), aluminium (bottom)

Connectivity

Ethernet*
Onboard 2.5GbE

WLAN + Bluetooth*
Intel Wi-Fi 7 BE200, 802.11be 2x2 Wi-Fi + Bluetooth 5.4

WWAN*
5G with embedded eSIM*

NFC
Near Field Communication*

Ports
2x USB-A (USB 10Gbps / USB 3.2 Gen 2) 1x HDMI 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x SD Express 8.0 card reader 2x Thunderbolt 5, with USB PD 3.1 1x Thunderbolt 4, with USB PD 3.1 1x Ethernet (2.5GbE RJ-45)

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
50% Recycled Aluminum A Cover
90% Recycled Magnesium Aluminum C Cover
55% Recycled Aluminum D Cover
90% PCC Plastic Speaker Enclosure
97% PCC Plastic Battery Pack Enclosure
90% PCC Plastic 180W AC AdapterPlastic free packaging with 90% recycled and/ or FSC certified content (standard/bulk)

Certifications

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

Other Certifications
Eyesafe Certified 2.0
TÜV Rheinland Low Blue Light
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.