

# ThinkPad T16 Gen 4 (Intel) 21QE008DBG

## PERFORMANCE

- Processor**  
Intel® Core™ Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB
- AI PC Category**<sup>[1]</sup>  
AI PC
- NPU**  
Integrated Intel® AI Boost, up to 12 TOPS
- Graphics**  
Integrated Intel® Graphics
- Chipset**  
Intel® SoC Platform
- Memory**  
2x 32GB SODIMM DDR5-5600
- Memory Slots**  
Two DDR5 SODIMM / CSODIMM slots, dual-channel capable
- Max Memory**  
Up to 64GB DDR5-5600
- Storage**  
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
- Storage Slot**  
Models with U series processor: one M.2 2280 PCIe® 4.0 x4 slot
- Max Storage Support**<sup>[2]</sup>  
One drive, up to 2TB M.2 2280 SSD
- Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**  
Stereo speakers, 2W x2, Dolby Audio™
- Microphone**  
2x, 360°
- Camera**  
5.0MP + IR Discrete with Privacy Shutter
- Battery**  
86Wh
- Power Adapter**  
100W USB-C® Slim (3-pin)

## DESIGN

- Display**<sup>[3]</sup>  
16" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, Low Power
- Screen-to-Body Ratio**  
87.22%
- Pen**  
Pen Not Supported
- Keyboard**  
Backlit, Bulgarian

- Dimensions (WxDxH)**<sup>[4]</sup>  
359.7 x 250.8 x 11.8/18.14 (front/rear), 23.65 (maximum) mm;  
14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches
- Weight**<sup>[5]</sup>  
Starting at 1.89 kg (4.17 lbs)
- Case Color**  
Black
- Case Material**  
PC + 20% CF (Top), PC + 20% CF (Bottom)

## SOFTWARE

- Operating System**  
Windows® 11 Pro, Bulgarian / English

## CONNECTIVITY

- WLAN + Bluetooth**<sup>[6]</sup>  
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
- WWAN**  
WWAN Upgradable to 4G
- Ethernet**  
100/1000M (RJ-45)
- Standard Ports**
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
  - 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
  - 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
  - 1x HDMI® 2.1, up to 4K/60Hz
  - 1x Headphone / microphone combo jack (3.5mm)
  - 1x Ethernet (RJ-45)
- Optional Ports (configured)**
- 1x Smart Card Reader
  - 1x Nano-SIM Card Slot

- Docking**  
Various docking solutions supported via Thunderbolt™ / USB-C®.  
For more compatible docking solutions, please visit [Docking for ThinkPad® T16 Gen 4 \(Intel®\)](#)

## SECURITY & PRIVACY

- Security Chip**  
Discrete TPM 2.0 Enabled
- Physical Locks**  
Kensington® Nano Security Slot™, 2.5 x 6 mm
- Smart Card Reader**  
Smart Card Reader
- Fingerprint Reader**  
Touch Style, Match-on-Chip, Integrated in Power Button

- Other Security**
- Camera privacy shutter (camera models)
  - Ultrasonic Human Presence Detection
  - IR camera for Windows® Hello (facial recognition)
  - ThinkShield

## MANAGEABILITY

- System Management**  
Non-vPro®
- SERVICE**
- Base Warranty**  
3-year, Courier or Carry-in
- Included Upgrade**  
1Y Premier WHB (CPN)

## CERTIFICATIONS

- Green Certifications**<sup>[7]</sup>
- ENERGY STAR® 9.0
  - EPEAT™ Gold Registered
  - ErP Lot 6/26
  - RoHS compliant
  - TCO Certified, generation 10
- Mil-Spec Test**  
MIL-STD-810H military test passed
- Other Certifications**  
Eyesafe® Certified 2.0

## MODEL

- |                        |                 |                       |              |
|------------------------|-----------------|-----------------------|--------------|
| <b>TopSeller</b>       | : Yes           | <b>Announce Date</b>  | : 2025-08-05 |
| <b>EAN / UPC / JAN</b> | : 0199272419266 | <b>End of Support</b> | : 2031-12-13 |



Product image is a sample, it may not match the real color of this model  
· Lenovo reserves the right to change specifications without notice.  
To see more note information, please access the [web page](#).

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



### ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

## Recommended Services

GOOD

2Y Premier Support upgrade from 1Y Premier Support (5WS1B38517)

Please click [here](#) to view the full list of accessories.



**PSREF**  
Product Specifications  
Reference