

ThinkPad T16 Gen 4 (Intel) 21QE001BGR

PERFORMANCE

- Processor
Intel® Core™ Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB
- AI PC Category^[1]
AI PC
- NPU
Integrated Intel® AI Boost, up to 12 TOPS
- Graphics
Integrated Intel® Graphics
- Chipset
Intel® SoC Platform
- Memory
1x 32GB CSODIMM 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^[2]
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
52.5Wh
- Power Adapter
65W USB-C® (3-pin)
- DESIGN
- Display^[3]
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC
- Screen-to-Body Ratio
87.22%
- Pen
Pen Not Supported
- Keyboard
Backlit, Arabic

- Dimensions (WxDxH)^[4]
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^[5]
Starting at 1.76 kg (3.89 lbs)
- Case Color
Black
- Case Material
PC + 20% CF (Top), PC + 20% CF (Bottom)
- SOFTWARE
- Operating System
Windows® 11 Pro, Arabic / English
- CONNECTIVITY
- WLAN + Bluetooth^[6]
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

CERTIFICATIONS

- Green Certifications^[7]
 - 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

MODEL

TopSeller	: Yes	Announce Date	: 2025-05-13
EAN / UPC / JAN	: 0198157401150	End of Support	: 2031-12-13



Product image is a sample, it may not match the real color of this model

Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

[2] The storage capacity supported is based on the test.....

· 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.

- Pick Up & Return Courier
- 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

BEST	3Y Premier Support Plus upgrade from 3Y Courier/Carry-in (5WS1L39101)
BETTER	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0T36152)
GOOD	3Y Onsite upgrade from 3Y Courier/Carry-in (5WS0A23006)

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



PSREF
Product Specifications
Reference