

ThinkBook 16 G8 IAL

PERFORMANCE

- Processor
- Intel® Core™ Ultra 5 225U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB
- AI PC Category
- AI PC
- NPU
- Integrated Intel® AI Boost, up to 12 TOPS
- Graphics
- Integrated Intel® Graphics
- Chipset
- Intel® SoC Platform
- Memory
- 2x 16GB SO-DIMM DDR5-5600
- Memory Slots
- Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]
- Up to 64GB DDR5-5600
- Storage
- 1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- Storage Support^[2]
- Up to two drives, 2x M.2 SSD
 - M.2 2280 SSD up to 2TB each
- Storage Slot
- Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader
- SD Card Reader
- Audio Chip
- High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers
- Stereo speakers, 2W x2, Dolby Audio™
- Camera
- FHD 1080p + IR Hybrid with Privacy Shutter
- Microphone
- 2x, Array
- Battery
- 45Wh
- Power Adapter
- 65W USB-C® (3-pin)
- Special Features
- Modern Standby

DESIGN

- Display^[3]
- 16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, 60Hz
- Touchscreen
- None

- Color Calibration
- None
- Keyboard
- Backlit, German
- Touchpad
- Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color
- Arctic Grey
- Surface Treatment
- Anodizing Sandblasting (Top), Texture (Bottom)
- Case Material
- Aluminium (Top), PC-ABS (Bottom)
- Pen
- Pen Not Supported
- Dimensions (WxDxH)^[4]
- 356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)
- Weight^[5]
- Starting at 1.7 kg (3.75 lbs)
- SOFTWARE
- Operating System
- Windows® 11 Pro, German
- Bundled Software
- Office Trial
- CONNECTIVITY
- Ethernet
- 100/1000M (RJ-45)
- WLAN + Bluetooth®^[6]
- Wi-Fi® 6E, 802.11ax 2x2 + BT5.3
- WWAN
- Non-WWAN
- Standard Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 - 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
 - 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
 - 1x 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)
 - 1x SD card reader
- Docking
- Various docking solutions supported via Thunderbolt™ or USB-C®.
- For more compatible docking solutions, please visit [Docking for ThinkBook® 16 G8 IAL](#)

SECURITY & PRIVACY

- Security Chip
- Firmware TPM 2.0 Enabled
- Fingerprint Reader
- Touch Style, Match-on-Chip, Integrated in Power Button
- Physical Locks
- Kensington® Nano Security Slot™, 2.5 x 6 mm
- Other Security
- Camera privacy shutter
 - IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

- System Management
- Non-vPro®

SERVICE

- Base Warranty
- 1-year, Courier or Carry-in
- Included Upgrade
- 1Y Premier WHB (CPN)

ACCESSORIES

- Bundled Accessories
- None

CERTIFICATIONS

- Green Certifications^[7]
- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - ErP Lot 6/26
 - RoHS compliant
 - TCO Certified 10.0
- Other Certifications
- TÜV Rheinland® Low Blue Light (Software Solution)
- Mil-Spec Test
- MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2025-02-27
EAN / UPC / JAN	: 198156460400	End of Support	: 2031-09-27

Note:
^[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.
^[2] The system supports dual SSD via two M.2 slots, but.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2692?M=21SK0083GE>

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories

Lenovo 65W USB-C DC Travel Adapter

Power up and stay productive on the road with this DC Travel adapter. Lenovo 65W USB-C DC Travel Adapter is the universal DC adapter, providing 65W power via USB-C for outdoor use.

Lenovo 65W USB-C GaN Adapter

The Lenovo 65W USB-C GaN Adapter ushers in a new age of safe, efficient portable charging. Powered by Gallium Nitride (GaN), this charger is up to 55% smaller, 60% lighter, 30% more power-efficient. With PD 3.0 certif...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

PSREF

Product Specifications
Reference