PERFORMANCE

Processor
Intel® Core™ i7-13700H, 14C (6P + 8E) / 20T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.7GHz, 24MB

Graphics
NVIDIA® GeForce RTX™ 4060 8GB GDDR6

Chipset
Intel® SoC Platform

Memory
2x 8GB SO-DIMM DDR5-5200

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[1]
Up to 32GB DDR5-5200 offering

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support[2][3]
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 1TB

Storage Slot
Two M.2 slots
• One M.2 2242 PCIe® 4.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot

Card Reader
SD Express 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306-CG codec

Speakers
Stereo speakers, 2W x2 woofers and 2W x2 tweeters, Dolby® Atmos®, sound by harman/kardon, Smart Amplifier (AMP)

Camera
FHD 1080p + IR Hybrid with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip (3-pin)

Special Features
AI Chip: LA2-Q

DESIGN

Display[4]
16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Dolby® Vision™

Color Calibration
Factory Color Calibration

Keyboard
Backlit, English (UK)

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

Case Color
Storm Grey

Surface Treatment
Anodizing Sandblasting

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)[5]
354.6 x 255 x 19.9 mm (13.96 x 10.04 x 0.78 inches)

Weight[6]
Around 2.2 kg (4.85 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet[7]
No Onboard Ethernet

WLAN + Bluetooth®[8][9]
Wi-Fi® 6E, 11ax 2x2 + BT5.3

Standard Ports
• 2x USB 3.2 Gen 2
• 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
• 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
• 1x HDMI® 2.1, up to 8K/60Hz
• 1x Headphone / microphone combo jack (3.5mm)
• 1x SD card reader
• 1x Power connector

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit Docking for ThinkBook 16p G4 IRH

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
• IR camera for Windows® Hello (facial recognition)
• Camera privacy shutter

SERVICE

Base Warranty
1-year, Courier or Carry-in

CERTIFICATIONS

Green Certifications[10]
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• ErP Lot 6
• ErP Lot 26
• FSC certified package
• RoHS compliant
• TCO Certified 9.0
• Volatile Organic Compound Certification

Other Certifications
• Eyesafe® Certified 2.0
• TÜV Rheinland® Low Blue Light (Hardware Solution)

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-14
EAN / UPC / JAN	: 196804652412	End of Support	: 2029-11-14

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension.
[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[5] The system dimensions may vary depending on configurations.
[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[7] Ethernet support via optional Lenovo USB-C to Ethernet Adapter.
[8] Bluetooth may operate at a lower version than hardware......

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2221?M=21J8000CUK

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

Recommended Accessories

ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)
40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

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 ...

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

Lenovo
PSREF
Product Specifications Reference