PERFORMANCE

Processor
Intel® Core™ Ultra 5 125U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.3GHz, 12MB

NPU
Intel® AI Boost integrated in Intel® Core™ Ultra processor

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

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
Integrated 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

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

Case Material
Aluminium (Top), PC-ABS (Bottom)

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

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 3.1 and DisplayPort™ 1.4
• 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 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 G7 IML

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

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
1Y Premier WHB (CPN)

CERTIFICATIONS

Green Certifications[7]
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• ErP Lot 6
• ErP Lot 26
• RoHS compliant
• TCO Certified 9.0

Other Certifications
TÜV Rheinland® Low Blue Light (Software Solution)

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

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-02-18
EAN / UPC / JAN	: 197531872753	**End of Support**	: 2030-09-26

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 only offers one SSD configuration and another SSD slot for user self-extension. The max storage capacity is only technical readiness and may be different with current Lenovo storage offerings.
[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in……

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2420?M=21MS004SGE