

PERFORMANCE

Processor

Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB

NPU

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

Graphics^[1]

Integrated Intel® Arc™ Graphics Functions as Intel® Graphics

Chipset

Intel® SoC Platform

Memory

1x 16GB SO-DIMM DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR5-5600

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support^[3]

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 71Wh

Power Adapter

100W USB-C® Slim (3-pin)

Special Features

Modern Standby

DESIGN

Display^[4]

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)^[5]

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

Weight^[6]

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^[7]

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^[8]

- 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 : 197531885951 **End of Support** : 2030-09-26

Note:

^[1] Intel Arc Graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

^[2] Maximum memory is only to test technical readiness of notebook.

Available memory to sell would vary.

^[3] 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.

^[4] IPS (in-plane switching) technology may refer to IPS,.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2420?M=21MS004NGE>