

ThinkBook 16 G7 IML

PSREF

Product Specifications
Reference

PERFORMANCE

Processor
Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB
AI PC Category
AI PC
NPU
Integrated Intel® AI Boost, up to 11 TOPS
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 each
Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots
Card Reader
SD Card Reader
Optical
None
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

Touchscreen
None
Color Calibration
None
Keyboard
Backlit, English
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)
Pen
Pen Not Supported
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, Polish
Bundled Software
Office Trial
CONNECTIVITY
Ethernet
100/1000M (RJ-45)
WLAN + Bluetooth^[7]
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 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
• 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
3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN), CO2 Offset 0.5 ton (2nd Gen) TP WHB (CPN)
ACCESSORIES
Bundled Accessories^[8]
None
CERTIFICATIONS
Green Certifications^[9]
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• ErP Lot 6/26
• 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 : 198153100057
End of Support : 2030-09-26

• Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2420?M=21MS0080PB>

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

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	5Y Onsite upgrade from 3Y Onsite (5WS0K27117)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36133)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26637)

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

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