IdeaPad Slim 5 16IAH8 83BG0019GE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i5-12450H, 8C (4P + 4E) / 12T, P-core 2.0 / 4.4GHz, E-core 1.5 / 3.3GHz, 12MB

Graphics
Integrated Intel UHD Graphics

Chipset
Intel SoC Platform

Memory
16GB Soldered LPDDR5-4800

Memory Slots
Memory soldered to systemboard, no slots, dual-channel (16GB models)

Max Memory
16GB soldered memory, not upgradable

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support[1]
One drive, up to 1TB M.2 2242 SSD or 1TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe 4.0 x4 slot

Card Reader
microSD Card Reader

Optical
None

Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 2W x2, optimized with Dolby® Audio™

Camera
FHD 1080p + IR with Privacy Shutter, ToF Sensor

Microphone
2x, Array

Battery[2]
Integrated 56.6Wh

Power Adapter
65W USB-C® (3-pin)

DESIGN

Display[3]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, TÜV Low Blue Light

Touchscreen
None

Keyboard
Backlit, German

Case Color
Cloud Grey

Surface Treatment
Aluminium Stamping (Anodized with Sandblasting)

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)[4]
356 x 251 x 16.9 mm (14.02 x 9.88 x 0.67 inches)

Weight[5]
Starting at 1.89 kg (4.17 lbs)

SOFTWARE

Operating System
Windows® 11 Home, German

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[6][7]
Wi-Fi® 6E, 11ax 2x2 + BT5.1

Standard Ports
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 1.4b
- 1x microSD card reader
- 1x Headphone / microphone combo jack (3.5mm)

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
None

Other Security
- Camera privacy shutter
- IR camera for Windows Hello

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
<= 3 Months Premium Care

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications[8]
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

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

Mil-Spec Test
MIL-STD-810H military test passed (20 test items)

MODEL

TopSeller	: Yes	**Announce Date**	: 2023-04-30
EAN / UPC / JAN	: 197529832370	**End of Support**	: 2029-06-14



Product image is a sample, it may not match the real color of this model

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] Rapid Charge Boost is only effective in hibernates or fully shutting down the computer.
[3] 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/2282?M=83BG0019GE

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REAL PERSON
Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

REAL FAST
Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.

HASSLE FREE
'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

PC HEALTH CHECK
Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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 Hybrid USB-C with USB-A Dock (American Standard Plug Type B)
40AF0135US
The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...



Lenovo USB-C Mini Dock_US
40AU0065US
Expand Your Potential with An Universal Mini Dock; Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C Mini dock is ...

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

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