# LOQ 17IRB8 90VH00BNMH

Lenovo PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**[1]
Intel® Core™ i5-13400F, 10C (6P + 4E) / 16T, P-core 2.5 / 4.6GHz, E-core 1.8 / 3.3GHz, 20MB

**Graphics**
NVIDIA® GeForce RTX™ 4060 8GB GDDR6

**Chipset**
Intel B760 Chipset

**Memory**
1x 16GB UDIMM DDR4-3200

**Memory Slots**
Two DDR4 UDIMM slots, dual-channel capable

**Max Memory**[2]
Up to 32GB DDR4-3200

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

**Optane™ Memory**
None

**Storage Support**[3]
Up to three drives, 2x 3.5" HDD + 1x M.2 SSD
• 3.5" HDD up to 2TB
• M.2 SSD up to 1TB

**Card Reader**
None

**Optical**
None

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC623-CG codec

**Speakers**
No speakers

**Power Supply**
310W 92%

## DESIGN

**Keyboard**
None

**Mouse**
None

**Expansion Slots**
- One PCIe 4.0 x16, full height
- One PCIe 3.0 x1, full height
- Two M.2 slots (one for WLAN, one for SSD)

**Case Color**
Raven Black

**System Fan**
1x Rear

**Form Factor**
Tower (17L)

**Dimensions (WxDxH)**[4]
170 x 304 x 376 mm (6.69 x 11.97 x 14.8 inches)

**Weight**[5]
8.4 kg (18.52 lbs)

## CONNECTIVITY

**Ethernet**
Integrated 100/1000M

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

**Front Ports**
- 1x USB-C® 3.2 Gen 1
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)

**Rear Ports**
- 4x USB 2.0
- 1x HDMI® 1.4b
- 1x VGA
- 1x Ethernet (2.5GbE RJ-45)
- 1x audio-out (3.5mm)

## SECURITY & PRIVACY

**Security Chip**
Firmware TPM 2.0 integrated in chipset

## MANAGEABILITY

**System Management**
None

## SERVICE

**Base Warranty**
2-year, Courier or Carry-in

**Included Upgrade**
<= 3 Months Premium Care

## CERTIFICATIONS

**Green Certifications**
- ErP Lot 3
- RoHS compliant

## SOFTWARE

**Operating System**
Windows® 11 Home, Benelux (EN/FR/DE/NL)

**Bundled Software**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2023-09-11 |
| **EAN / UPC / JAN** | : 197531013477 | **End of Support** | : 2029-03-20 |



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

Note:
[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see http://www.intel.com/technology/turboboost/ for more information.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[4] The system dimensions may vary depending on configurations.
[5] 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.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2107?M=90VH00BNMH

## Premium Care - **Advanced Support from Real People. Real Fast.**

**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



**Lenovo USB-C to Ethernet Adapter**
4X90S91831
The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.



**Lenovo Professional Wireless Combo Keyboard & Mouse (US English)**
4X30H56796
This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

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

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