

PERFORMANCE

Processor

Intel® Core™ i9-12900K, 16C (8P + 8E) / 24T, Max Turbo up to 5.2GHz, P-core 3.2 / 5.1GHz, E-core 2.4 / 3.9GHz, 30MB

Graphics

NVIDIA® GeForce RTX™ 3080 Ti 12GB GDDR6X

Chipset

Intel Z690 Chipset

Memory

2x 16GB UDIMM ARMOR DDR5-4800

Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

Max Memory^{[1][2]}

Up to 128GB DDR5-4800

Storage

2TB SSD M.2 2280 PCIe® 4.0x4 NVMe® + 2TB HDD 7200rpm 3.5"

Optane™ Memory

None

Storage Support^[3]

Up to six drives, 2x 3.5" HDD + 2x 2.5" HDD + 2x M.2 SSD

- 3.5" HDD up to 2TB
- 2.5" HDD up to 1TB
- M.2 SSD up to 1TB

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC897 codec

Speakers

No speakers

Power Supply

850W 90%

DESIGN

Keyboard

None

Mouse

None

Optional Bay

None

Expansion Slots

- One PCIe 5.0 x16
- One PCIe 4.0 x16 (x4 signal)
- Two PCIe 3.0 x1
- Three M.2 slots (one for WLAN, two for SSD)

Case Color

Black

System Lighting

Legion OY Iconic LED + Internal Ambient Lighting

Chassis

Inner Decorate Cover

Cooler

Premium Max Liquid Cooler

System Fan

Premium Max Liquid Cooling with ARGB (1x Rear + 3x Front liquid + 2x Top)

Carry Handle

Carry Handle

Form Factor

Tower (34L)

Dimensions (WxDxH)^[4]

211 x 450 x 483 mm (8.3 x 17.7 x 19 inches)

Weight^[5]

17 kg (37.47 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M + 2.5GbE RTL8125BG

WLAN + Bluetooth^[6]

Wi-Fi® 6, 11ax 2x2 + BT5.1

Top Ports

- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x headphone (3.5mm)
- 1x microphone (3.5mm)

Rear Ports

- 1x USB-C® 3.2 Gen 2x2
- 1x USB 3.2 Gen 2
- 2x USB 2.0
- 4x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x Lighting switch
- 1x power connector
- 6x audio connectors (with SPDIF)

Optional Rear Ports (configured)

3x DP 1.4a, 1x HDMI® 2.1 on NVIDIA GeForce RTX 3080 Ti

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 integrated in chipset

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

3Y Legion Ultimate Support -Idea DT (ESS)

CERTIFICATIONS

Green Certifications^[7]

- EPEAT™ Silver Registered
- ErP Lot 3
- RoHS compliant

SOFTWARE

Operating System

Windows® 11 Home Single Language, English

Bundled Software

Office Home & Student 2021

MODEL

TopSeller	: No	Announce Date	: 2022-03-11
EAN / UPC / JAN	: 196119199138	End of Support	: 2027-10-30



intel

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

Note:

^[1] The max memory is based on the test results with current Lenovo memory offerings.

^[2] Installed memory is actually 4800MHz, but may run at.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/1724?M=90S2002MYN>

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



ThinkPad UltraSlim USB DVD Burner

4XA0E9775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer than...



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>

Lenovo

PSREF
Product Specifications
Reference