

IdeaCentre Gaming 5 17IAB7 90T1000NGE

PSREF

Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ i7-12700F, 12C (8P + 4E) / 20T, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

Graphics

NVIDIA® GeForce® RTX™ 3060 Ti 8GB GDDR6

Chipset

Intel B660

Memory

2x 16GB UDIMM DDR4-3200

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Max Memory

Up to 32GB DDR4-3200

Storage

1TB SSD M.2 2280 PCIe® 3.0x4 NVMe®

Optane™ Memory

None

Storage Support

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

Power Supply

500W 92%

DESIGN

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

Expansion Slots

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

Case Color

Raven Black

System Fan

1x Front + 1x Rear

Form Factor

Tower (17L)

Dimensions (WxDxH)

170 x 304 x 376 mm (6.69 x 11.97 x 14.8 inches)

Weight

8.4 kg (18.52 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth®

11ax, 2x2 + BT5.2

Front Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 2
- 1x USB-C 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports

- 4x USB 2.0
- 1x VGA
- 1x HDMI® 2.0b
- 1x Ethernet (RJ-45)
- 1x headphone (3.5mm)
- 1x power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 integrated in chipset

SERVICE

Base Warranty

2-year, Depot

Included Upgrade

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

SOFTWARE

Operating System

Windows® 11 Home 64, German

Bundled Software

None

MODEL

TopSeller : Yes

Announce Date : 2022-02-28

EAN / UPC / JAN : -

End of Support : 2028-01-31



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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.

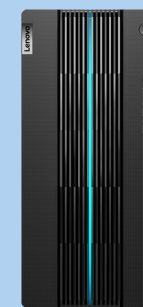
Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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