PERFORMANCE

Processor
Intel® Core™ i9-12900, 16C (8P + 8E) / 24T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.8GHz, 30MB

Graphics
Integrated Intel UHD Graphics 770

Chipset
Intel Q670 Chipset

Memory
16GB UDIMM DDR5-4400

Memory Slots
Four DDR5 UDIMM slots, dual-channel capable

Max Memory
Up to 128GB DDR5

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

Storage Support
Up to five drives, 2x 2.5"/3.5" HDD + 1x 2.5" HDD + 2x M.2 SSD
• 2.5" HDD up to 1TB each
• 3.5" HDD up to 2TB
• M.2 SSD up to 2TB

Card Reader
3-in-1 Card Reader

Optical
DVD±RW

Audio Chip
High Definition (HD) Audio, Realtek® ALC897Q-CG codec

Speakers
2Wx1

Power Supply
500W 92%

DESIGN

Expansion Slots
• Three M.2 slots (one for WLAN, two for SSD)
• One PCIe 4.0 x16, full-height, length ≤ 268.5mm, height ≤ 114.55mm
• Two PCIe 3.0 x1, full-height, length ≤ 205mm, height ≤ 114.55mm
• One PCIe 4.0 x16 (x4 signal), full-height, length ≤ 205mm, height ≤ 114.55mm

Case Color
Black

Stand
No stand

Form Factor
Tower (17L)

Dimensions (WxDxH)
170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches)

Weight
Around 6.5 kg (14.3 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®
Intel Wi-Fi® 6E AX211, 11ax 2x2 + BT5.1, vPro®

Front Ports
• 1x USB-C® 3.2 Gen 2 (support data transfer and 15W charging)
• 1x microphone (3.5mm)
• 2x USB 3.2 Gen 2
• 1x headphone / microphone combo jack (3.5mm)
• 2x USB 3.2 Gen 1

Optional Front Ports (configured)
1x card reader

Rear Ports
• 1x Ethernet (RJ-45)
• 1x HDMI® 2.1 TMDS
• 2x DisplayPort™ 1.4
• 1x line-out (3.5mm)
• 4x USB 3.2 Gen 1

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified

Fingerprint Reader
No fingerprint reader

Physical Locks
• Kensington® Security Slot™, 3 x 7 mm
• Padlock Loop

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management
Intel vPro Enterprise

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
1Y Premier Support from 3Y Onsite WHB (CPN) (5WS1F31123)

CERTIFICATIONS

Green Certifications
• TCO Certified 9.0
• RoHS compliant
• ErP Lot 3

Mil-Spec Test
MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation, Contamination by Fluids, Salt Fog)

SOFTWARE

Operating System
Windows® 11 Pro, French

MODEL

| **TopSeller** | : Yes | **Announce Date** | : 2022-05-10 |
| **EAN / UPC / JAN** | : 0196379666302 | **End of Support** | : 2028-10-29 |

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· Lenovo reserves the right to change specifications or other product information without notice.
· Product image on this page is a sample, it may not match the real color of this model

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

Recommended Accessories

Kensington MicroSaver 2.0 Cable Lock from Lenovo
4XE0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Recommended Services

BEST	5Y Premier Support upgrade from 1Y Premier Support (5WS1F52310)
BETTER	4Y Premier Support upgrade from 1Y Premier Support (5WS1F52294)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305)

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

Lenovo PSREF
Product Specifications Reference