PERFORMANCE

Processor[1]
Intel® Core™ i9-12900, 16C (8P + 8E) / 24T, Max Turbo up to 5.6GHz, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.8GHz, 30MB

Graphics
NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6X

Chipset
Intel® Q670 Chipset

Memory
2x 16GB UDIMM DDR5-4400

Memory Slots
Four DDR5 UDIMM slots, dual-channel capable

Max Memory[2]
Up to 128GB DDR5

Storage
2x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

Storage Support[3][4]
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 each

Card Reader
None

Optical
None

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

Speakers
2Wx1

Power Supply
500W 92%

DESIGN

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse, Black

Optional Bay
None

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

Case Color
Black

Stand
No stand

Dust Filter
None

Form Factor
Tower (17L)

Dimensions (WxDxH)[5]
170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches)

Weight[6]
Around 6.5 kg (14.3 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®[7]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

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

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

Optional Rear Ports (configured)
1x USB-C® 3.2 Gen 1 (Flex IO)

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

Smart Cable Clip
None

Chassis E-Lock
None

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management[8]
Intel® vPro® Enterprise

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
3Y Onsite upgrade from 1Y Onsite

CERTIFICATIONS

Green Certifications[9]
• ENERGY STAR® 8.0
• EPEAT™ Silver Registered
• ErP Lot 3
• RoHS compliant
• TCO Certified 9.0

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, English

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2022-06-14
EAN / UPC / JAN	: 196801903234	**End of Support**	: N/A

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 max capacity of SSD/HDD is based on the test results with current Lenovo SSD/HDD offerings.
[5] The system dimensions may vary depending on configurations.
[6] The system weight is approximate and based on results in......

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/1802?M=11TN003JAU

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	4Y Premier Support Plus upgrade from 3Y Onsite (5WS1L42134)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L42264)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0V07841)

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

Lenovo **PSREF**
Product Specifications Reference