

## PERFORMANCE

### Processor

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

### Graphics

NVIDIA® Geforce RTX 3060 12GB GDDR6

### Chipset

Intel Q670 Chipset

### Memory

2x 16GB UDIMM DDR5-4400

### Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

### Max Memory

Up to 128GB DDR5

### Storage

1TB 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

- One PCIe 4.0 x16, full-height, length ≤ 268.5mm, height ≤ 114.55mm
- One PCIe 4.0 x16 (x4 signal), full-height, length ≤ 205mm, 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

### 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 AX211 Wi-Fi® 6E, 11ax, 2x2 + BT5.1, 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)

### Optional Front Ports (configured)

1x card reader

### 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)

## 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

vPro Enterprise

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

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

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- TCO Certified 9.0
- RoHS compliant

### 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 64, Spanish

## MODEL

TopSeller : Yes

Announce Date : 2022-05-10

EAN / UPC / JAN : 0196379664292

End of Support : 2028-10-29



intel

## 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. 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

### Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XEON80914

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 Lenovo Protect (Premier Support + ADP + KYD + International Upg) (5PS1D67032)
BETTER	5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67028)
GOOD	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)

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

## PSREF

Product Specifications  
Reference