

## PERFORMANCE

### Processor

AMD Ryzen™ 7 PRO 5845 (8C / 16T, 3.4 / 4.6GHz, 4MB L2 / 32MB L3)

### Processor Sockets

Socket AM4

### Integrated Graphics

None

### Discrete Graphics

1x NVIDIA® RTX A2000 12GB

### Chipset

AMD PRO 565 Chipset

### Memory

2x 8GB UDIMM DDR4-3200 Non-ECC

### Memory Slots

Four DDR4 UDIMM slots, dual-channel capable

### Max Memory<sup>[1]</sup>

Up to 128GB (4x 32GB DDR4 UDIMM)

### M.2 SSD Drive

1x 512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

### HDD Controller

Integrated SATA controller

### SATA/SAS Drive

None

### Storage Support<sup>[2]</sup>

Up to 2x 3.5" SATA HDD + 1x 2.5" SATA HDD / SSD + 1x M.2 SSD

- 3.5" HDD up to 4TB each
- M.2 SSD up to 2TB
- No pre-configured 2.5" HDD / SSD options

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC623-CG codec

### Power Supply

500W Platinum Fixed

## DESIGN

### Keyboard

USB Calliope Keyboard, Black, English (BE)

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

Supports two PCIe slots with one PCIe 3.0 x16 and one PCIe 3.0 x1.

- Slot 1: PCIe 3.0 x16, full height, full length, 75W, double-width
- Slot 2: PCIe 3.0 x1, full height, half length, 25W

### M.2 Slots

- One M.2 slot (for WLAN)
- One M.2 PCIe Gen 3x4 slot (for SSD)

### Bays

- 1x 3.5" disk bay (standard)
- 1x 3.5" disk bay (optional)
- 1x 2.5" disk bay (optional)
- 1x slim ODD bay (optional)

### Dimensions (WxDxH)<sup>[3]</sup>

170 x 315.4 x 376 mm (6.7 x 12.4 x 14.8 inches)

### Weight<sup>[4]</sup>

9.8 kg (21.6 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

Realtek RTL8111EPV, 1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth®

None

### Card Reader

SD Card Reader

### Front Ports

- 1x USB-C® 3.2 Gen 1 (support data transfer)
- 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 2.0 (one supports Smart Power On)
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)
- 1x serial (9-pin)

### Optional Rear Ports (configured)

None

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 integrated in processor

### Physical Locks

- Kensington® Security Slot™, 3 x 7 mm
- Padlock Loop

### Cover Lock

None

### Cable Lock

No Cable

### Chassis Intrusion Switch

None

## MANAGEABILITY

### System Management

AMD PRO

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications<sup>[5]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3
- RoHS compliant
- TCO Certified 9.0

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

## SOFTWARE

### Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

### Bundled Software

None

## MODEL

**TopSeller** : Yes **Announce Date** : 2022-07-08

**EAN / UPC / JAN** : 0196801858176 **End of Support** : N/A

Note:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[2]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[3]</sup> The system dimensions may vary depending on configurations.

<sup>[4]</sup> 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/2058?M=30GL000NMB>

## 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

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## 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	4Y Lenovo Support (Premier Support + Keep Your Drive + International Upg) (5PS0N73243)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36136)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)

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



**PSREF**  
Product Specifications  
Reference