

PERFORMANCE

Processor

AMD Ryzen™ 9 PRO 5945 (12C / 24T, 3.0 / 4.7GHz, 6MB L2 / 64MB L3)

Processor Sockets

Socket AM4

Integrated Graphics

None

Discrete Graphics

1x NVIDIA® GeForce RTX™ 3070 Ti 8GB

Chipset

AMD PRO 565 Chipset

Memory

2x 16GB UDIMM DDR4-3200 Non-ECC

Memory Slots

Four DDR4 UDIMM slots, dual-channel capable

Max Memory^[1]

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

M.2 SSD Drive

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

HDD Controller

Integrated SATA controller

SATA/SAS Drive

None

Storage Support^[2]

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)^[3]

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

Weight^[4]

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

None

Chassis Intrusion Switch

None

MANAGEABILITY

System Management

AMD PRO

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

None

CERTIFICATIONS

Green Certifications^[5]

- 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 : 0196801838352

End of Support : N/A

Note:

^[1] The max memory is based on the test results with current Lenovo memory offerings.

^[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

^[3] The system dimensions may vary depending on configurations.

^[4] 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=30GL0018MB>

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