

PERFORMANCE

Processor

Intel® Core™ i5-11500 (6C / 12T, 2.7 / 4.6GHz, 12MB)

Graphics⁽¹²⁾

Integrated Intel UHD Graphics 750

Chipset

Intel Q570 Chipset

Memory

1x 8GB SO-DIMM DDR4-3200

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory⁽¹³⁾

Up to 64GB DDR4-3200

Storage

256GB SSD M.2 2280 PCIe® x4 NVMe® Opal

Storage Support⁽¹⁴⁾⁽¹⁵⁾

Up to three drives, 2x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 2TB each
- M.2 SSD up to 1TB

Technical support up to 2 HDDs + 1 SSD, but Lenovo® only offers the models with up to 2 HDDs or 1 SSD + 1 HDD

Card Reader

3-in-1 Card Reader

Optical

DVD±RW

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

3Wx2

Camera

5.0MP + IR Hybrid

Microphone

2x, Array

Power Supply

150W 89% Adapter

DESIGN

Display⁽¹⁶⁾

23.8" FHD (1920x1080) IPS 250nits Anti-glare, 72% NTSC, Touch

Touchscreen

10-point Multi-touch

Keyboard

USB Calliope Keyboard, Black, Swiss

Mouse

USB Calliope Mouse, Black

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)

Case Color

Black

Stand

UltraFlex IV Stand

Mounting

VESA mount

Form Factor

AIO (23.8 inches)

Dimensions (WxDxH)⁽¹⁷⁾

Lowest in flat mode: 541 x 312.8 x 227.4 mm (21.3 x 12.3 x 9.0 inches)

Highest in vertical mode: 541 x 232.7 x 467.7 mm (21.3 x 9.2 x 18.4 inches)

Weight⁽¹⁸⁾

Around 8.58 kg (18.9 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth⁽¹⁹⁾

Intel 9560, 11ac 2x2 + BT5.1, vPro®

Rear Ports⁽²⁰⁾

- 1x DisplayPort™
- 4x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)

Right Ports

- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2 (support data transfer and 5V@3A charging)
- 1x headphone / microphone combo jack (3.5mm)

Optional Right Ports (configured)

1x card reader

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified

Fingerprint Reader

No fingerprint reader

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Other Security

ThinkShutter camera cover

MANAGEABILITY

System Management⁽²¹⁾

Intel® vPro®

SERVICE

Base Warranty

3-year, Onsite

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered
- ErP Lot 3
- TCO Certified 8.0
- TCO edge
- RoHS compliant

Other Certifications

- TÜV Rheinland® Ultra Low Noise
- TÜV Rheinland Low Blue Light

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)

SOFTWARE

Operating System⁽²²⁾

Windows® 10 Pro 64, WE (EN/FR/DE/NL/IT)

ACCESSORIES

MODEL

TopSeller	: Yes	Announce Date	: 2021-10-12
EAN / UPC / JAN	: 0195890471082	End of Support	: 2027-12-20



intel

To see more note information, please link to https://psref.lenovo.com/Detail/ThinkCentre_M90a_Gen_2?M=11JY0004MZ.

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



Lenovo Powered USB-C Travel Hub

4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

Recommended Services

BEST	4Y Premier Support upgrade from 3Y Onsite (5WS0V08524)
BETTER	3Y Premier Support upgrade from 3Y Onsite (5WS0V08537)
GOOD	3Y Keep Your Drive Add On (5PS0V08566)

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



PSREF
Product Specifications
Reference