

PERFORMANCE

Processor^[1]

Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

Graphics

NVIDIA® GeForce RTX™ 3050 4GB GDDR6

Chipset

Intel SoC Platform

Memory

1x 16GB SO-DIMM DDR5-4800 Non-ECC

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR5-4800

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Support^[2]

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 4TB, 2TB each
- RAID 0/1 support

Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

RAID Preset

None

Card Reader

SD Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby® Audio™ Premium

Camera

HD 720p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 68Wh

Power Adapter

135W Slim Tip (3-pin)

DESIGN

Display^[3]

15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC

Touchscreen

None

Color Calibration

None

Keyboard

Backlit, Italian

Case Color

Black

Case Material

PC + ABS (Top), PC + ABS (Bottom)

Dimensions (WxDxH)^[4]

366.5 x 250 x 22.7 mm (14.43 x 9.84 x 0.89 inches)

Weight^[5]

- Models with discrete graphics|Starting at 2.226 kg (4.91 lbs)
- Starting at 2.226 kg (4.91 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[6]

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

WWAN

WWAN Upgradable to 4G

SIM Card

None

NFC

None

Standard Ports^[7]

- 1x Ethernet (RJ-45)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector
- 1x SD card reader
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 2x USB 3.2 Gen 1 (one Always On)

Optional Ports (configured)

- 1x Nano-SIM Card Slot
- 1x Smart Card Reader

Docking

Various docking solutions supported via Thunderbolt™, USB-C®, or USB-A.

For more compatible docking solutions, please visit [Docking for ThinkPad® T15p Gen 3](#)

Monitor Cable

None

SECURITY & PRIVACY

Smart Card Reader

Smart Card Reader

Security Chip

Discrete TPM 2.0 Enabled

Fingerprint Reader

Touch Style, Match-on-Chip, on Palm Rest

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Other Security

- Camera privacy shutter
- IR camera for Windows® Hello

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

3-year, Courier or Carry-in

Included Upgrade

3Y Premier TP WS WHB (CPN), CO2 Offset 2 ton

CERTIFICATIONS

Green Certifications^[8]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

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

MODEL

TopSeller : Yes **Announce Date** : 2023-07-04

EAN / UPC / JAN : 0197528989785 **End of Support** : 2028-10-08

• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2004?M=21DA001JIX>

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



ThinkPad USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...



ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

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

Lenovo

PSREF
Product Specifications
Reference