

PERFORMANCE**Processor**

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 Ti 4GB GDDR6, Boost Clock 1485MHz, TGP 85W

Chipset

Intel SoC Platform

Memory

2x 8GB SO-DIMM DDR4-3200

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 16GB DDR4-3200 offering

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 1TB

- M.2 2242 SSD up to 1TB

Card Reader

None

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Nahimic Audio

Camera

720p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 45Wh

Max Battery Life

Model with 45Wh battery:

MobileMark® 2018: 4.4 hr

Local video (1080p) playback@150nits: 5.9 hr

Power Adapter

170W Slim Tip (3-pin)

DESIGN**Display**

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 120Hz, 45% NTSC, DC dimmer

Touchscreen

None

Keyboard

Backlit, English (US)

Case Color

Onyx Grey

Surface Treatment

Painting

Case Material

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

Dimensions (WxDxH)

359.6 x 266.4 x 21.8 mm (14.16 x 10.49 x 0.86 inches)

Weight

2.315 kg (5.1 lbs)

SOFTWARE**Operating System**

Windows® 11 Home 64, English

Bundled Software

Office Trial

CONNECTIVITY**Ethernet**

100/1000M

WLAN + Bluetooth®

Wi-Fi® 6 11ax, 2x2 + BT5.2

Standard Ports

- 2x USB 3.2 Gen 1
- 1x HDMI® 2.0
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

Optional Ports (configured)

1x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4, for A370/RTX 3050/RTX 3050 Ti graphics models)

SECURITY & PRIVACY**Security Chip**

Firmware TPM 2.0

Fingerprint Reader

None

Other Security

Camera privacy shutter

SERVICE**Base Warranty**

1-year, Depot

Included Upgrade

None

ACCESSORIES**Bundled Accessories**

None

CERTIFICATIONS**Green Certifications**

- ErP Lot 3
- RoHS compliant

MODEL

TopSeller : No

Announce Date : 2022-03-21

EAN / UPC / JAN : 196379318454

End of Support : 2028-04-09



Premium Care - Advanced Support from Real People. Real Fast.



REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.



HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.

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 Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

Recommended Services

BEST	3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73714)
BETTER	3Y Onsite upgrade from 1Y Mail-in delivery (5WS0K75674)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)

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



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Product Specifications
Reference