

PERFORMANCE

Processor

Intel® Core™ i7-11850H (8C / 16T, 2.5 / 4.8GHz, 24MB)

Graphics

NVIDIA® GeForce® RTX™ 3070 8GB GDDR6

Chipset

Intel WM590

Memory

1x 32GB SO-DIMM DDR4-3200 Non-ECC

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR4-3200

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

Storage Support

One drive, up to 2TB M.2 2280 SSD

Card Reader

SD Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, Dolby® Atmos®

Camera

IR & 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 90Wh

Max Battery Life

MobileMark® 2018: 10.9 hr

JEITA 2.0: 13.7 hr

Power Adapter

230W Slim Tip (3-pin)

DESIGN

Display

16.0" WQUXGA (3840x2400) IPS 600nits Anti-glare, 16:10, 100% Adobe® RGB, Low Blue Light, Dolby Vision™, HDR 400, DC Dimming

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, German

Case Color

37-degree twill CF Weave

Case Material

CFRP / GFRP (top), Aluminium (bottom)

Pen

No Support

Dimensions (WxDxH)

359.5 x 253.8 x 17.7 mm (14.15 x 9.99 x 0.7 inches)

Weight

1.81 kg (3.99 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, German

CONNECTIVITY

Ethernet

USB-C® to GbE RJ-45 Dongle

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 1x SD card reader
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports (configured)

1x HDMI® 2.1 (model with Geforce RTX graphics)

Docking

Various docking solutions supported via Thunderbolt or USB-C.

For more compatible docking solutions, please visit

[Docking for ThinkPad® P1 Gen 4](#)

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Touch Style, Match-on-Chip

Physical Locks

Kensington® Nano Security Slot, 2.5 x 6 mm

Other Security

IR camera for Windows Hello

MANAGEABILITY

System Management

Intel® vPro

SERVICE

Base Warranty

3-year, Depot

ACCESSORIES

Bundled Accessories

USB-C® to Ethernet Adapter

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

Please visit www.thinkworkstations.com/isv-certifications/

MODEL

TopSeller : Yes **Announce Date** : 2021-06-08

EAN / UPC / JAN : 0195891451342 **End of Support** : 2028-01-08



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

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...

Recommended Services

BEST	5Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07061)
BETTER	4Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07067)
GOOD	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07092)

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

Lenovo

PSREF
Product Specifications
Reference