

PERFORMANCE

Processor

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

Graphics

NVIDIA® RTX A4000 8GB GDDR6

Chipset

Intel WM590 Chipset

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® Opal 2.0

Storage Support

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

Storage Slot

Two M.2 slots

- One M.2 2280 PCIe 3.0 x4 slot
- One M.2 2280 PCIe 4.0 x4 slot

Card Reader

SD Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, Dolby® Atmos®

Camera

FHD 1080p + IR 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" WQUXGA (3840x2400) IPS 600nits Anti-glare, 100% Adobe® RGB, DisplayHDR™ 400, Dolby Vision™, TÜV Low Blue Light

Color Calibration

Factory Color Calibration

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

Keyboard

Backlit, German

Case Color

Black, 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® 11 DG Windows 10 Pro 64, German

CONNECTIVITY

Ethernet

No onboard Ethernet

WLAN + Bluetooth®

Intel Wi-Fi® 6E AX210, 11ax 2x2 + BT5.1

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 (models with NVIDIA 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, Integrated in Power Button

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, Courier or Carry-in

ACCESSORIES

Bundled Accessories

Lenovo® 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	: 2021-11-16
EAN / UPC / JAN	: 0196378388212	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

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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...

Recommended Services

BEST	3Y Lenovo Support (Premier Support + Keep Your Drive + Sealed Battery + International Upg) (5PS0N73159)
BETTER	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07092)
GOOD	3Y Sealed Battery Add On (5WS0V07085)

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

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PSREF
Product Specifications
Reference