

## PERFORMANCE

### Processor

Intel® Core™ i7-14700HX, 20C (8P + 12E) / 28T, P-core 2.1 / 5.5GHz, E-core 1.5 / 3.9GHz, 33MB

### AI PC Category

AI-Ready Workstations

### Graphics

NVIDIA® RTX 3500 Ada Generation 12GB GDDR6 ECC

### Chipset

Intel® WM790 Chipset

### Memory<sup>[1]</sup>

2x 32GB SO-DIMM DDR5-5600 Non-ECC

### Memory Slots

Four DDR5 SO-DIMM slots, dual-channel capable

### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

### Storage Support<sup>[2]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 8TB, 4TB each
- RAID 0/1 support

### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

### RAID Preset

None

### Card Reader

SD 7.0 Card Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®

### Camera

FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection

### Microphone

2x, Array

### Battery

Integrated 94Wh

### Power Adapter

230W Slim Tip (3-pin)

## DESIGN

### Display<sup>[3]</sup>

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, Eyesafe®

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Backlit, German

### Case Color

Storm Grey (Top), Villi Black (Bottom)

### Case Material

Aluminium (Top), PPS + 50% GF (Bottom)

### Pen

Pen Not Supported

### Dimensions (WxDxH)<sup>[4]</sup>

364 x 266 x 30.23 mm (14.3 x 10.5 x 1.2 inches)

### Weight<sup>[5]</sup>

Starting at 2.95 kg (6.5 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, German

### Bundled Software

None

## CONNECTIVITY

### Ethernet<sup>[6]</sup>

No Onboard Ethernet

### WLAN + Bluetooth<sup>[7]</sup>

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

### WWAN

WWAN Upgradable to 4G

### SIM Card

None

### NFC

None

### Standard Ports<sup>[8]</sup>

- Models with discrete graphics: 1x HDMI® 2.1, up to 8K/60Hz or 4K/240Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)

### Optional Ports (configured)

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

### Docking

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

For more compatible docking solutions, please visit [Docking for ThinkPad® P16 Gen 2](#)

## SECURITY & PRIVACY

### Smart Card Reader

Smart Card Reader

### Security Chip

Discrete TPM 2.0 Enabled

### Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Other Security

- Camera privacy shutter (camera models)
- Bottom cover tamper detection

## MANAGEABILITY

### System Management

Non-vPro®

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

### Included Upgrade

CO2 Offset 0.5 ton, 3Y Premier TP WS WHB (CPN)

## ACCESSORIES

### Bundled Accessories<sup>[9]</sup>

None

## CERTIFICATIONS

### Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 9.0

### Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

### Mil-Spec Test

MIL-STD-810H military test passed

### ISV Certifications

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

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-08-11
<b>EAN / UPC / JAN</b>	: 0198155124686	<b>End of Support</b>	: 2029-12-30

Note:

[1] System comes with DDR5-5600 memory and will run at lower.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2323?M=21FA005HGE>

## 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 Premier Support Plus (5WS1L39135)
BETTER	3Y Keep Your Drive (5PSOV07097)
GOOD	3Y Sealed Battery (5WSOV07085)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference