

## 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>