

PERFORMANCE

**Processor**  
Intel® Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB

**AI PC Category**  
AI-Ready Workstations

**NPU**  
Intel® AI Boost, up to 11 TOPS

**Graphics**  
NVIDIA® RTX 500 Ada Generation 4GB GDDR6

**Chipset**  
Intel® SoC Platform

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

**Memory Slots**  
Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory**  
Up to 96GB (2x 48GB DDR5 SO-DIMM)

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

**Storage Support<sup>[1]</sup>**  
One drive, up to 2TB M.2 2280 SSD

**Storage Slot**  
One M.2 2280 PCIe® 4.0 x4 slot

**Card Reader**  
No card reader

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**  
Stereo speakers, 2W x2, Dolby Audio™

**Camera**  
5.0MP + IR with Privacy Shutter and Human Presence Detection

**Microphone**  
2x, Array

**Battery**  
Integrated 75Wh

**Power Adapter**  
135W USB-C® Slim (3-pin)

DESIGN

**Display**  
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Eyesafe®, TÜV Low Blue Light, Touch

**Touchscreen**  
On-cell, 10-point Multi-touch

**Color Calibration**  
None

**Keyboard**  
Backlit, German

**Case Color**  
Black

**Case Material**  
Aluminium (Top), Aluminium (Bottom)

**Dimensions (WxDxH)<sup>[2]</sup>**  
361.5 x 248.6 x 21.13 mm (14.24 x 9.79 x 0.83 inches)

**Weight<sup>[3]</sup>**  
Starting at 1.82 kg (4.01 lbs)

SOFTWARE

**Operating System**  
Windows® 11 Pro, German

**Bundled Software**  
Intel® Connectivity Performance Suite

CONNECTIVITY

**Ethernet**  
100/1000M (RJ-45)

**WLAN + Bluetooth<sup>[4]</sup>**  
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**  
None

**SIM Card**  
None

**NFC**  
None

**Standard Ports**

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

**Optional Ports (configured)**  
1x Smart Card Reader

**Docking**  
Various docking solutions supported via Thunderbolt™ or USB-C®.  
For more compatible docking solutions, please visit [Docking for ThinkPad® P16s Gen 3](#)

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**

- IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection

MANAGEABILITY

**System Management**  
Intel® vPro® Enterprise

SERVICE

**Base Warranty**  
3-year, Courier or Carry-in

**Included Upgrade**  
1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

ACCESSORIES

**Bundled Accessories**  
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

TopSeller	: Yes	Announce Date	: 2024-05-28
EAN / UPC / JAN	: 0198153954711	End of Support	: 2030-12-21

· Lenovo reserves the right to change specifications without notice.  
To see more note information, please link to <https://psref.lenovo.com/Detail/2495?M=21KS002GGE>

## 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 Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

## Recommended Services

BEST	3Y Premier Support upgrade from 1Y Premier Support (5WS1H31745)
BETTER	2Y Premier Support upgrade from 1Y Premier Support (5WS1H31781)
GOOD	3Y Sealed Battery Add On (5WS1H31713)

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



**PSREF**  
Product Specifications  
Reference