

PERFORMANCE

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

**NPU**  
Intel® AI Boost integrated in Intel® Core™ Ultra processor

**Graphics**  
Integrated Intel® Arc™ Graphics

**Chipset**  
Intel® SoC Platform

**Memory**  
32GB LPCAMM2 LPDDR5x-7467

**Memory Slots**  
One LPCAMM2 connector, dual-channel

**Max Memory**  
Up to 64GB (1x 64GB LPCAMM2), upgradable

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

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

**Microphone**  
2x, Array

**Battery**  
Integrated 90Wh

**Power Adapter**  
135W Slim Tip (3-pin)

DESIGN

**Display**  
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 60Hz, TÜV Low Blue Light

**Touchscreen**  
None

**Color Calibration**  
Factory Color Calibration

**Keyboard**  
Backlit, German

**Case Color**  
Black

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

**Dimensions (WxDxH)**  
354.4 x 241.2 x 17.05 mm (13.95 x 9.49 x 0.67 inches)

**Weight**  
Starting at 1.82 kg (4.03 lbs)

SOFTWARE

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

**Bundled Software**  
Intel® Connectivity Performance Suite

CONNECTIVITY

**Ethernet**  
No Onboard Ethernet

**WLAN + Bluetooth®**  
Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4

**WWAN**  
No support

**SIM Card**  
No physical SIM card inbox

**NFC**  
None

**Standard Ports**

- 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 (135W input) and DisplayPort™ 1.4
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 (135W input) and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x Security keyhole

**Docking**  
Various docking solutions supported via Thunderbolt™ or USB-C®.  
For more compatible docking solutions, please visit [Docking for ThinkPad® P1 Gen 7](#)

SECURITY & PRIVACY

**Smart Card Reader**  
No 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)
- IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection for IR camera
- Bottom cover tamper detection

MANAGEABILITY

**System Management**  
Intel® vPro® Enterprise

SERVICE

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

**Included Upgrade**  
3Y Premier TP WS WHB (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**

- Intel® Evo™ Platform
- 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	: 0198153489664	End of Support	: 2030-12-28

## 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 Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

## Recommended Services

BEST	5Y Premier Support upgrade from 3Y Premier Support+4Y Lenovo Support (Premier Support + KYD + 3Y SBTY + International Upg) (5WS0W86655, 5PS1D67029)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86674)
GOOD	3Y Sealed Battery Add On (5WS0V07085)

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



**PSREF**  
Product Specifications  
Reference