

PERFORMANCE

Processor	Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB
NPU	Intel® AI Boost integrated in Intel® Core™ Ultra processor
Graphics	NVIDIA® RTX 2000 Ada Generation 8GB GDDR6
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 <ul style="list-style-type: none"><li>• M.2 2280 SSD up to 8TB, 4TB each</li><li>• RAID 0/1 support</li></ul>
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	170W Slim Tip (3-pin)
DESIGN	
Display	16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, 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	<ul style="list-style-type: none"><li>• 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On</li><li>• 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 (135W input) and DisplayPort™ 1.4</li><li>• 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 (135W input) and DisplayPort™ 2.1</li><li>• 1x HDMI® 2.1, up to 8K/60Hz</li><li>• 1x Headphone / microphone combo jack (3.5mm)</li><li>• 1x SD Express 7.0 card reader</li><li>• 1x Security keyhole</li></ul>
Docking	Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit <a href="#">Docking for ThinkPad® P1 Gen 7</a>

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	<ul style="list-style-type: none"><li>• Camera privacy shutter (camera models)</li><li>• IR camera for Windows® Hello (facial recognition)</li><li>• Ultrasonic Human Presence Detection for IR camera</li><li>• Bottom cover tamper detection</li></ul>

MANAGEABILITY

System Management	Non-vPro®
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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
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CERTIFICATIONS

Green Certifications	<ul style="list-style-type: none"><li>• ENERGY STAR® 8.0</li><li>• EPEAT™ Gold Registered</li><li>• RoHS compliant</li><li>• TCO Certified 9.0</li></ul>
Other Certifications	<ul style="list-style-type: none"><li>• Intel® Evo™ Platform</li><li>• TÜV Rheinland® Low Blue Light</li></ul>
Mil-Spec Test	MIL-STD-810H military test passed
ISV Certifications	Please visit <a href="#">ISV certifications for Lenovo® Workstations</a>

MODEL

TopSeller	: Yes	Announce Date	: 2024-05-28
EAN / UPC / JAN	: 0198153489725	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