

## PERFORMANCE

### Processor

Intel® Core™ i7-1270P, 12C (4P + 8E) / 16T, P-core 2.2 / 4.8GHz, E-core 1.6 / 3.5GHz, 18MB

### Graphics

NVIDIA® Quadro® T550 4GB GDDR6

### Chipset

Intel SoC Platform

### Memory

16GB Soldered DDR4-3200 non-ECC

### Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

### Max Memory

Up to 48GB (16GB soldered + 32GB SO-DIMM) DDR4-3200

### Storage

512GB SSD M.2 2280 PCIe® Gen 4x4 Value NVMe® Opal2

### Storage Support

One drive, up to 2TB M.2 2280 SSD

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, Dolby® Audio™

### Camera

IR & FHD 1080p with Privacy Shutter

### Microphone

2x, Array

### Battery

Integrated 52.5Wh

### Power Adapter

100W USB-C® Slim (3-pin)

## DESIGN

### Display

16" FHD+ (1920x1200) IPS 300nits Anti-glare, 45% NTSC

### Keyboard

Backlit, German

### Case Color

Black

### Case Material

PC 50% GF + PC 20% CF (Top), PPS (Bottom)

### Dimensions (WxDxH)

361.9 x 255.5 x 20.83 mm (14.25 x 10.06 x 0.82 inches)

### Weight

Starting at 1.677 kg (3.7 lbs)

## SOFTWARE

### Operating System

Windows® 11 DG Windows 10 Pro 64, German

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth®

Intel AX211 Wi-Fi® 6E, 2x2 + BT5.2

### WWAN

WWAN Upgradable to 4G

### Standard Ports

- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 2.0)
- 2x USB 3.2 Gen 1 (one Always On)
- 1x HDMI®, up to 4K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

### Optional Ports (configured)

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

### Docking

Various docking solutions supported via Thunderbolt or USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad® P16s Gen 1 \(Intel\)](#)

## SECURITY & PRIVACY

### Smart Card Reader

Smart Card Reader

### Security Chip

Discrete TPM 2.0

### Fingerprint Reader

Integrated in Power Button

### Physical Locks

Kensington® Nano Security Slot, 2.5 x 6 mm

### Other Security

IR camera for Windows Hello

## MANAGEABILITY

## System Management

Intel® vPro

## SERVICE

### Base Warranty

3-year, Depot

### Included Upgrade

CO2 Offset 1 ton (5WS0Z74929), 3Y Premier TP WS WHB (CPN) (5WS1B09494)

## CERTIFICATIONS

### Green Certifications

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

### Other Certifications

- TÜV Rheinland® Eye Comfort Certification
- 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	: 2022-04-26
EAN / UPC / JAN	: 0196379415153	End of Support	: 2028-10-15



- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## 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...



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

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

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

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PSREF  
Product Specifications  
Reference