

## PERFORMANCE

### Processor

Intel® Core™ i7-1280P, 14C (6P + 8E) / 20T, P-core 1.8 / 4.8GHz, E-core 1.3 / 3.6GHz, 24MB

### Graphics

Integrated Intel Iris® Xe Graphics

### Chipset

Intel SoC Platform

### Memory

16GB Soldered DDR4-3200 non-ECC + 16GB SO-DIMM 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

1TB 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 & 1080p with Privacy Shutter

### Microphone

2x, Array

### Battery

Integrated 52.5Wh

### Power Adapter

65W USB-C Slim (2-pin)

## DESIGN

### Display

16" QHD+ WQXGA (2560x1600) IPS 400nit Anti-glare, 100% sRGB, Dolby Vision™, X-Rite® Pantone® Factory Color Calibration ( $\Delta E < 2$ ), Low Blue Light, TÜV Eye Comfort

### Color Calibrator

Factory Color Calibration

### Keyboard

Backlit, English

### Case Color

Black

### Case Material

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

### Dimensions (WxDxH)

361.98 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)

### Weight

Starting at 1.677 kg (3.7 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro 64, English

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth®

Intel AX211 Wi-Fi® 6E, 2x2 + BT5.2

### WWAN

WWAN Upgradable to 4G

### Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 2x Thunderbolt™ 4 / USB4™ 40Gbps / USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.1 TMDS
- 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

### Security Chip

Discrete TPM 2.0

### Fingerprint Reader

Integrated in Power Button

### Physical Locks

Kensington® Security Slot

### Other Security

IR camera for Windows® Hello

## MANAGEABILITY

### System Management

Intel® vPro

## SERVICE

### Base Warranty

3-year, Depot

### Included Upgrade

3Y Sealed Battery Add On (5WS1H31713), 3Y Premier Support Upgrade from 3Y Courier/CCI (5WS1H31725)

## 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	: 2022-03-22
EAN / UPC / JAN	: 196379547045	End of Support	: 2028-10-15



· Lenovo reserves the right to change specifications or other product information without notice.  
· Battery life is an estimated maximum. Actual battery life may vary by hardware or system settings, active applications, battery conditioning, etc.  
· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

## 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 Thunderbolt 3 Dock Gen 2 - US

40AN0135US

Lenovo understands that modern business depends on a wide variety of notebooks and devices from different brands working seamlessly together to meet business needs. To deliver this experience, ThinkPad Thunderbolt 3 D...

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

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PSREF  
Product Specifications  
Reference