

PERFORMANCE

Processor

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

Graphics

NVIDIA® Quadro® T550 4GB GDDR6

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® x4 NVMe® Opal 2.0

Storage Support

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

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, Dolby® Audio™

Camera

FHD 1080p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 86Wh

Power Adapter

135W USB-C® Slim (3-pin)

DESIGN

Display

16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, Dolby® Vision™, TÜV Eye Comfort

Color Calibration

Factory Color Calibration

Keyboard

Backlit, English (UK)

Case Color

Black

Case Material

PC + 20% CF + 50% GF (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 1.8 kg (3.97 lbs)

SOFTWARE

Operating System

Windows® 11 DG Windows® 10 Pro 64, English

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth®

Intel® Wi-Fi® 6E AX211, 11ax 2x2 + BT 5.1

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

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

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) (5WS1B68729)

CERTIFICATIONS

Green Certifications

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

Other Certifications

- TÜV Rheinland® Low Blue Light
- TÜV Rheinland® Eye Comfort Certification

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	: 0196379499535	End of Support	: 2028-10-15



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

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>

Lenovo

PSREF
Product Specifications
Reference