ThinkPad P16s Gen 2 (Intel) 21HK003NUS

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-1370P, 14C (6P + 8E) / 20T, P-core 1.9 / 5.2GHz, E-core 1.4 / 3.9GHz, 24MB

Graphics
NVIDIA® RTX A500 4GB GDDR6

Chipset
Intel SoC Platform

Memory
32GB Soldered LPDDR5x-7500 Non-ECC

Memory Slots
Models with LPDDR5x memory: memory soldered to systemboard, no slots, dual-channel

Max Memory
Models with 32GB LPDDR5x: 32GB soldered memory, not upgradable

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

Storage Support[1]
One drive, up to 2TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe 4.0 x4 slot

Card Reader
No card reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Dolby® Audio™

Camera
5.0MP + IR Discrete with Privacy Shutter and Human Presence Detection

Microphone
2x, Array

Battery
Integrated 86Wh

Power Adapter
135W USB-C® Slim (3-pin)

DESIGN

Display[2]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch

Touchscreen
On-cell, 10-point Multi-touch

Keyboard
Backlit, English

Case Color
Villi Black

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

Dimensions (WxDxH)[3]
361.9 x 255.5 x 21.1 mm (14.25 x 10.06 x 0.83 inches)

Weight[4]
Starting at 1.70 kg (3.76 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, English

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[5]
Intel Wi-Fi® 6E AX211, 11ax 2x2 + BT5.1

WWAN
WWAN Upgradable to 4G

Standard Ports
- 1x Ethernet (RJ-45)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole
- 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)

Optional Ports (configured)
1x Nano-SIM Card Slot

Docking
Various docking solutions supported via Thunderbolt or USB-C.
For more compatible docking solutions, please visit Docking for ThinkPad® P16s Gen 2 (Intel)

SECURITY & PRIVACY

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
- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection
- IR camera for Windows® Hello

MANAGEABILITY

System Management[6]
Intel® vPro® Enterprise

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Sealed Battery Add On, 3Y Premier Support Upgrade from 3Y Courier/CCI

CERTIFICATIONS

Green Certifications[7]
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- TCO Certified 9.0
- RoHS compliant

Mil-Spec Test
MIL-STD-810H military test passed

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

MODEL

TopSeller	: Yes	**Announce Date**	: 2023-06-13
EAN / UPC / JAN	: 197528672953	**End of Support**	: 2029-11-25

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.
[3] The system dimensions may vary depending on configurations.
[4] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[5] Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitations.
Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.
[6] Intel vPro offers a superset of DASH's defined capabilities.
[7] EPEAT is registered where applicable, please see https://www.epeat.net for registration status by country.
· Lenovo reserves the right to change specifications without

notice.
· 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
To see more note information, please link to
https://psref.lenovo.com/Detail/2293?M=21HK003NUS

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...

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1M86981)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39490)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS1H31743)

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

Lenovo **PSREF**
Product Specifications Reference