

ThinkPad P16s Gen 1 (AMD) 21CK0048US

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

AMD Ryzen™ 7 PRO 6850U (8C / 16T, 2.7 / 4.7GHz, 4MB L2 / 16MB L3)

Graphics⁽⁹⁾

Integrated AMD Radeon™ 680M Graphics

Chipset

AMD SoC Platform

Memory

16GB Soldered LPDDR5-6400

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

16GB soldered memory, not upgradable

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Support⁽¹⁰⁾

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

FHD 1080p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 86Wh

Power Adapter

100W USB-C® Slim (3-pin)

DESIGN

Display⁽¹¹⁾

16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, Low Power, TÜV Eye Comfort

Color Calibration

ICC Template Color Calibration

Keyboard

Backlit, English

Case Color

Black

Case Material

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

Dimensions (WxDxH)⁽¹²⁾

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

Weight⁽¹³⁾⁽¹⁴⁾

Starting at 1.81 kg (3.99 lbs)

SOFTWARE

Operating System

Windows® 11 DG Windows 10 Pro 64, English

Bundled Software

Lenovo® Security Assurance 48-month

CONNECTIVITY

Ethernet

100/1000M (RJ-45), AMD Pro

WLAN + Bluetooth⁽¹⁵⁾

Qualcomm® Wi-Fi® 6E NFA725A, 11ax 2x2 + BT5.1

NFC

NFC

Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 2x USB-C 3.2 Gen 2 (support data transfer, Power Delivery and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

Docking

Various docking solutions supported via USB-C.

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

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

IR camera for Windows® Hello

MANAGEABILITY

System Management

AMD PRO

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⁽¹⁶⁾⁽¹⁷⁾

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

Other Certifications

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	: 2022-11-01
EAN / UPC / JAN	: 196803419757	End of Support	: 2028-12-03



To see more note information, please link to https://psref.lenovo.com/Detail/ThinkPad_P16s_Gen_1_AMD?M=21CK0048US

· 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

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- 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	5Y Lenovo Protect (Premier Support + ADP + KYD + International Service Entitlement) For Embedded MTM (5PS1K54547)
BETTER	4Y Lenovo Support (Premier Support + KYD + International Service Entitlement) For Embedded MTM (5PS1K54545)
GOOD	3Y Lenovo Protect (ADP + KYD + International Service Entitlement) For Embedded MTM (5PS1K54544)

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

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