

ThinkPad P16s Gen 3 (Intel)

PSREF

Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB
AI PC Category
AI-Ready Workstations
NPU
Integrated Intel® AI Boost, up to 11 TOPS
Graphics
NVIDIA® RTX 500 Ada Generation 4GB GDDR6
Chipset
Intel® SoC Platform
Memory
2x 16GB SO-DIMM DDR5-5600 Non-ECC
Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory
Up to 96GB (2x 48GB DDR5 SO-DIMM)
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 with Privacy Shutter and Human Presence Detection
Microphone
2x, Array
Battery
Integrated 75Wh
Power Adapter
135W USB-C® Slim (3-pin)
DESIGN
Display
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Eyesafe®, TÜV Low Blue Light, Touch
Touchscreen
On-cell, 10-point Multi-touch
Keyboard
Backlit, English

Case Color
Black
Case Material
Aluminium (Top), Aluminium (Bottom)
Pen
Pen Not Supported
Dimensions (WxDxH)^[2]
361.5 x 248.6 x 21.13 mm (14.24 x 9.79 x 0.83 inches)
Weight^[3]
Starting at 1.82 kg (4.01 lbs)

SOFTWARE

Operating System^[4]
Windows® 11 Pro, English
Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

Ethernet
100/1000M (RJ-45)
WLAN + Bluetooth^[5]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN
WWAN Upgradable to 4G
Standard Ports
<ul style="list-style-type: none">1x USB-A (USB 5Gbps / USB 3.2 Gen 1)1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.11x HDMI® 2.1, up to 4K/60Hz1x Headphone / microphone combo jack (3.5mm)1x Ethernet (RJ-45)1x Security keyhole
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 3

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
<ul style="list-style-type: none">Bottom cover tamper detectionCamera privacy shutterUltrasonic Human Presence Detection for IR cameraIR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise

SERVICE

Base Warranty
3-year, Courier or Carry-in
Included Upgrade
3Y Premier Support Upgrade from 3Y Courier/Carry-in

CERTIFICATIONS

Green Certifications
<ul style="list-style-type: none">ENERGY STAR® 8.0EPEAT™ Gold RegisteredRoHS compliantTCO Certified 10.0
Other Certifications
<ul style="list-style-type: none">Eyesafe® Certified 2.0TÜV 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	: 2024-05-28
EAN / UPC / JAN	: 198153472116	End of Support	: 2030-12-21

Note:
^[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
^[2] The system dimensions may vary depending on configurations.
^[3] 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.
^[4] Ubuntu Linux LTS will be available after August 6th, 2024.
^[5] Wi-Fi 6E full features might be limited by country-level restrictions. 6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation. Bluetooth 5.3 operation requires Windows 11. For more information please visit General Bluetooth Support Information on Microsoft .

· 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/2495?M=21KS001WUS>

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 Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

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>

PSREF
Product Specifications
Reference