ThinkPad P15v Gen 3 (Intel) 21D8000BGE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

Graphics
NVIDIA® T600 4GB GDDR6

Chipset
Intel SoC Platform

Memory
1x 32GB SO-DIMM DDR5-4800 non-ECC

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 64GB DDR5-4800

Storage
512GB SSD M.2 2280 PCIe® Gen 4x4 Value NVMe® Opal2

Storage Support
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 4TB, 2TB each
• RAID 0/1 support

Card Reader
SD Reader

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

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

Camera
IR & HD 720p with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 68Wh

Power Adapter
135W Slim Tip (3-pin)

DESIGN

Display
15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC

Color Calibrator
No color calibration

Keyboard
Backlit, German

Case Color
Black

Case Material
PC + ABS (Top), PC + ABS (Bottom)

Dimensions (WxDxH)
366.5 x 250 x 22.7 mm (14.43 x 9.84 x 0.89 inches)

Weight
Starting at 2.226 kg (4.91 lbs)

SOFTWARE

Operating System
Windows® 11 DG Windows 10 Pro 64, German

CONNECTIVITY

Ethernet
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)
- 1x Thunderbolt™ 4 / USB 4 40Gbps (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x HDMI®, up to 4K/60Hz
- 1x SD card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

Optional Ports (configured)
- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

Docking
Various docking solutions supported via Thunderbolt, USB-C®, or USB-A.
For more compatible docking solutions, please visit
Docking for ThinkPad® P15v Gen 3 (Intel)

SECURITY & PRIVACY

Smart Card Reader
Smart Card Reader

Security Chip
Discrete TPM 2.0

Fingerprint Reader
Touch Style, Match-on-Chip

Physical Locks
Kensington® Security Slot, 3 x 7 mm

Other Security
Camera privacy shutter

MANAGEABILITY

System Management
Non-vPro

SERVICE

Base Warranty
3-year, Depot

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

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	: 0196380210693	End of Support	: 2028-10-08



· Lenovo reserves the right to change specifications or other product information without notice.
· Product image on this page is a sample, it may not match the real color of this model
· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

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 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...



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...

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

Lenovo **PSREF**
Product Specifications Reference