ThinkPad P53 20QN0049US

Lenovo

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-9750H (6C / 12T, 2.6 / 4.5GHz, 12MB)

Graphics
NVIDIA® Quadro® T2000 4GB GDDR5

Chipset
Intel CM246

Memory
1x 16GB SO-DIMM DDR4-2666 non-ECC

Memory Slots
Four DDR4 SO-DIMM slots, dual-channel capable

Max Memory
Up to 128GB

Storage
512GB SSD M.2 2280 PCIe NVMe Opal2

Storage Support
Up to three drives, 1x 2.5" HDD + 2x M.2 2280 SSD or 3x M.2 2280 SSD
• 2.5" HDD up to 2TB
• M.2 2280 SSD up to 2TB each

Card Reader
4-in-1 Card Reader

Audio Chip
High Definition (HD) Audio, Synaptic® CX11880 codec

Speakers
Stereo speakers, 2W x2, optimized with Dolby® Atmos®

Camera
720p + IR with ThinkShutter

Microphone
2x, Array

Battery
Integrated 90Wh

Max Battery Life
MobileMark® 2014: 8 hr (discrete mode) or 13 hr (hybrid mode)

Power Adapter
170W Slim Tip

DESIGN

Display
15.6" FHD (1920x1080) IPS 500nits Anti-glare, 72% Gamut, Dolby Vision™, HDR

Keyboard
Backlit, English

Case Color
Black

Case Material
GFRP (Top), Magnesium-aluminum (Bottom)

Dimensions (WxDxH)
377.4 x 252.3 x 24.5-29.4 mm (14.86 x 9.93 x 0.96-1.16 inches)

Weight
2.5 kg (5.51 lbs)

SOFTWARE

Operating System
Windows® 10 Pro 64, English

CONNECTIVITY

Ethernet
100/1000M

WLAN + Bluetooth®
Intel AX200 11ax, 2x2 + BT5.1

Standard Ports
- 2x USB 3.1 Gen 1 (one Always On)
- 1x USB-C 3.1 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 2x USB-C 3.1 Gen 2 / Thunderbolt™ 3 (support data transfer, Power Delivery and DisplayPort)
- 1x HDMI® 2.0
- 1x SD card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

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

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0

Fingerprint Reader
Touch Style, Match-on-Chip

Physical Locks
Kensington® Security Slot

Other Security
- IR camera for Windows Hello
- ThinkShutter camera cover

SERVICE

Base Warranty
3-year, Depot

Included Upgrade
3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07092)

CERTIFICATIONS

Green Certifications
- EPEAT™ Gold
- ENERGY STAR® 8.0
- RoHS compliant

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

ISV Certifications
Please visit www.thinkworkstations.com/isv-certifications/

MODEL

TopSeller	: Yes	**Announce Date**	: 2019-08-20
EAN / UPC / JAN	: 194552155728	**End of Support**	: 2026-02-23

· 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
· 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

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 Thunderbolt 3 Workstation Dock Gen 2

40ANY230US

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 W...

Recommended Services

BEST	4Y Lenovo Protect (Premier Support + ADP + KYD + 3Y SBTY + International Upg) (5PS1D67024)
BETTER	3Y Lenovo Protect (ADP + KYD + SBTY + International Upg) (5PS1D67023)
GOOD	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)

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

Lenovo **PSREF** **Product Specifications Reference**