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ThinkPad P16 Gen 3

Model: 21RQ0004IV 📋

Intel Core Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up
to 5.2GHz, 30MB Intel Smart Cache
2x 16GB SODIMM DDR5-5600 Non-ECC
1TB SSD M.2 2280 PCIe 5.0x4 Performance NVMe Opal 2.0
NVIDIA RTX PRO 1000 Blackwell Generation 8GB GDDR7
Laptop GPU
Windows 11 Pro, Hebrew / English
3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd
Generation Carbon Offset Projects)

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Model Configurations ⌄   Compatible Accessories   Recommended Services   Docum

Model Configurations

PERFORMANCE

Processor	Intel® Core Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30ME
AI PC Category	AI-Ready Workstations
NPU	Integrated Intel® AI Boost, up to 13 TOPS
Graphics	NVIDIA® RTX PRO 1000 Blackwell Generation 8GB GDDR7 Laptop GPU
Chipset	Intel® WM880 Chipset
Memory	2x 16GB SODIMM DDR5-5600 Non-ECC
Memory Slots	Four DDR5 SODIMM slots, dual-channel capable
Max Memory	• Models with ECC memory: Up to 128GB (4x 32GB SODIMM DDR5-5600 ECC) • Models with Non-ECC memory: Up to 192GB (4x 48GB SODIMM DDR5-5600
Storage	1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0
Storage Slot	Three M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • Two M.2 2280 PCIe 4.0 x4 slots
Max Storage Support ⓘ	Up to three M.2 2280 Gen 5 Performance SSD; up to 12TB, 4TB each
RAID Preset	None
Card Reader	SD Express 8.0 Card Reader
Audio Chip	SoundWire®, Cirrus Logic® CS42L43 codec
Speakers	Stereo speakers 2W x2 Dolby Atmos®

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Battery	99.9Wh
Power Adapter	180W USB-C® GaN (3-pin)

DESIGN

Display	16″ WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power Blue Light
Touchscreen	None
Screen-to-Body Ratio	82%
Color Calibration	X-Rite® Factory Color Calibration
Pen	Pen Not Supported
Keyboard	Backlit, Hebrew
Dimensions (WxDxH) ⓘ	362 x 252 x 15.8 / 20.9 (front / rear), 29.8 (maximum) mm 14.25 x 9.92 x 0.62 / 0.82 (front / rear), 1.17 (maximum) inches
Weight ⓘ	Starting at 2.54 kg (5.6 lbs)
Case Color	Black
Case Material	Aluminium (Top), Aluminium (Bottom)

SOFTWARE

Operating System	Windows® 11 Pro, Hebrew / English
Bundled Software	Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth	Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4
WWAN	WWAN Not Supported
SIM Card	No physical SIM card inbox
Ethernet	1x 2.5GbE RJ-45
NFC	No NFC
Standard Ports	• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On • 1x USB-A (USB 10Gbps / USB 3.2 Gen 2) • 2x Thunderbolt™ 5, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15V • 1x Thunderbolt™ 4, with DisplayPort™ 2.1 and USB PD 3.1, 180W input / 15V • 1x HDMI® 2.1, up to 8K/60Hz • 1x Headphone / microphone combo jack (3.5mm) • 1x Ethernet (2.5GbE RJ-45) • 1x SD Express 8.0 card reader

Optional Ports (configured)   None

SECURITY & PRIVACY

Security Chip	Discrete TPM 2.0 Enabled
Physical Locks	Kensington® Nano Security Slot, 2.5 x 6 mm
Smart Card Reader	No Smart Card Reader
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Other Security	• Camera privacy shutter (camera models) • Computer Vision-based User Presence Sensing on Image Signal Processor (IS

MANAGEABILITY

System Management	Non-vPro®

SERVICE

Base Warranty	3-year, Courier or Carry-in with 1-year Battery
Included Upgrade	3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Of

ACCESSORIES

Bundled Accessories	None

CERTIFICATIONS

ISV Certifications	Please visit ISV certifications for Lenovo® Workstations
Green Certifications	• ENERGY STAR® 9.0 • EPEAT™ Gold Registered • RoHS compliant • TCO Certified, generation 10
Mil-Spec Test	MIL-STD-810H military test passed
Other Certifications	• Eyesafe® Certified 2.0 • TÜV Rheinland® Low Blue Light

MODEL INFORMATION

Model	21RQ0004IV
Machine Type	21RQ
Region	WE
Country/Region	Israel
TopSeller	Yes
EAN / UPC / JAN	0199271683927
Announce Date	2025-09-23

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Note :

1. Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory a

2. Lenovo reserves the right to change specifications or other product information without notice.

3. The product images are for illustration purposes only. The actual product appearance, ports, keyboard layout, and accessories may vary between mo

4. Actual port transfer speeds will vary and may be slower than the theoretical speed depending on many factors such as the processing speed of the other factors related to your system configuration and operating environment.

View product platform specifications   Click Here

Compatible Accessories

Country / Region 🇮🇱 Israel>

RECOMMEND	RECOMMEND		
4XD1S19778	4XD1S19777	GY51U71760	4XD1T5
Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)	Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-A, Teams)	Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Brazil)	Lenovo Headp (20pc:

4XJ1U03940	4XJ1U03939	4X81U29637	40BF0
Lenovo 16-inch Premium Clarity Privacy Filter for P16/T16 Gen1 (16:10)	Lenovo 16-inch Premium Clarity Privacy Filter for P16/T16 Gen1 (16:10)	Lenovo Yoga Pen - Black	ThinkF

See All Accessories

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Recommended Services

Best   5Y Premier Support for AIPC upgrade from 3Y Premier Support (5WS1U94139)

Recommended Services

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