

## Lenovo ThinkPad P16s Gen 5 (AMD)

Artikelnummer: 21XG001UGE

Lenovo PSREF-Modell: 21XG001UGE



Lenovo ThinkPad P16s Gen 5 (AMD): AMD Ryzen AI 7 PRO 450 (8C / 16T, 2.0 / 5.1GHz, 8MB L2 / 16MB L3), 32GB LPCAMM2 LPDDR5X-7500, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU, Windows 11 Pro, German, Case color - Black, 1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset Service 300kg Gen 3 Commercial IDG.

### Leistung & Architektur

<b>Prozessor</b>	AMD Ryzen AI 7 PRO 450 (8C / 16T, 2.0 / 5.1GHz, 8MB L2 / 16MB L3)
<b>KI-PC-Kategorie</b>	Copilot + PC, AI-Ready Workstations
<b>NPU (KI-Beschleuniger)</b>	Integrated AMD Ryzen AI, up to 50 TOPS
<b>Grafikkarte</b>	NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU
<b>Chipsatz</b>	AMD SoC Platform

### Speicher & Laufwerke

<b>Arbeitsspeicher (RAM)</b>	32GB LPCAMM2 LPDDR5X-7500
<b>RAM-Steckplaetze</b>	One LPCAMM2 connector, dual-channel
<b>Max. Arbeitsspeicher</b>	Up to 96GB (1x 96GB LPCAMM2), upgradable
<b>Festplatte (Storage)</b>	512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
<b>M.2-Steckplaetze</b>	One M.2 2280 PCIe 4.0 x4 slot
<b>Max. Festplattenkapazitaet</b>	Up to one 2TB M.2 2280 Gen 5 Performance SSD
<b>Kartenleser</b>	No Card Reader

### Display & Design

<b>Display</b>	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
<b>Touchscreen</b>	None
<b>Farbkalibrierung</b>	AICCP Color Calibration
<b>Stifteingabe</b>	Pen Not Supported
<b>Tastatur</b>	Backlit, German
<b>Gehaeusefarbe</b>	Black
<b>Gehaeusematerial</b>	Aluminium (Top), PC-ABS (Bottom)
<b>Abmessungen (BxTxH)</b>	357.9 x 247.9 x 11.45 / 18.15 (front / rear), 23.3 (maximum) mm 14.09 x 9.76 x 0.45 / 0.71 (front / rear), 0.92 (maximum) inches
<b>Gewicht</b>	Starting at 1.75 kg (3.86 lbs)

## Konnektivitaet & Multimedia

<b>WLAN + Bluetooth</b>	MediaTek Wi-Fi 7 MT7925, 802.11be 2x2 + BT5.4, AMD PRO Manageability
<b>Mobilfunk (WWAN)</b>	WWAN Not Supported
<b>SIM-Karte</b>	No physical SIM card included
<b>Ethernet</b>	100/1000M (RJ-45), AMD PRO Manageability
<b>NFC</b>	No NFC
<b>Standard-Anschluesse</b>	1x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On 2x Thunderbolt 4, with USB PD 3.1 and DisplayPort 2.1, 140W input / 15W output 1x HDMI 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (GbE RJ-45) 1x Kensington Nano Security Slot
<b>Optionale Anschluesse</b>	None
<b>Audio-Chip</b>	SoundWire, Realtek ALC722-CG codec

<b>Lautsprecher</b>	Stereo speakers, 2W x2, Dolby Atmos
<b>Mikrofon</b>	2x, Array
<b>Kamera</b>	5.0MP + IR with Privacy Shutter, HDR and Computer Vision Human Presence Detection
<b>Akku</b>	90Wh
<b>Stromversorgung</b>	140W USB-C GaN (3-pin)

## Software, Sicherheit & Garantie

<b>Betriebssystem</b>	Windows 11 Pro, German
<b>Mitgelieferte Software</b>	Lenovo AI Now
<b>Sicherheits-Chip</b>	Discrete TPM 2.0 Enabled
<b>Physische Sicherung</b>	Kensington Nano Security Slot, 2.5 x 6 mm
<b>Fingerabdruckscanner</b>	Touch Style, Match-on-Chip, Integrated in Power Button
<b>Weitere Sicherheit</b>	Computer Vision-based Human Presence Detection Bottom cover tamper detection Camera privacy shutter IR camera for Windows Hello (facial recognition)
<b>System-Management</b>	AMD PRO Manageability
<b>Herstellergarantie</b>	3-year, Courier or Carry-in with 1-year Battery
<b>Garantie-Upgrade</b>	1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset Service 300kg Gen 3 Commercial IDG
<b>Mitgeliefertes Zubehoer</b>	None
<b>Zertifizierungen</b>	ENERGY STAR 9.0 EPEAT Gold Registered RoHS compliant TCO Certified, generation 10
<b>Militaerstandard</b>	MIL-STD-810H military test passed
<b>EAN / UPC / JAN</b>	0199276166296

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<b>Support-Ende</b>	2032-12-01
<b>Ankuendigungsdatum</b>	2026-06-02