

Lenovo ThinkPad E16 Gen 3 (Intel)

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Lenovo PSREF-Modell: 21SR0046GE



Lenovo ThinkPad E16 Gen 3 (Intel): Intel Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache, 1x 32GB SODIMM DDR5-5600, 1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, Integrated Intel Arc 140T GPU Functions as Intel Graphics, Windows 11 Pro, German, Case color - Black, 1Y Premier WHB (CPN).

Leistung & Architektur

Prozessor	Intel Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache
KI-PC-Kategorie	AI PC
NPU (KI-Beschleuniger)	Integrated Intel AI Boost, up to 13 TOPS
Grafikkarte	Integrated Intel Arc 140T GPU Functions as Intel Graphics
Chipsatz	Intel SoC Platform

Speicher & Laufwerke

Arbeitsspeicher (RAM)	1x 32GB SODIMM DDR5-5600
RAM-Steckplaetze	Raptor Lake, Meteor Lake and Arrow Lake: two DDR5 SODIMM slots, dual-channel capable
Max. Arbeitsspeicher	Raptor Lake with H Series processors, Meteor Lake and Arrow Lake: up to 64GB DDR5-5600
Festplatte (Storage)	1TB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
M.2-Steckplaetze	Raptor Lake, Meteor Lake and Arrow Lake: two M.2 slots <ul style="list-style-type: none"> • One M.2 2242 PCIe 4.0 x4 slot • One M.2 2280 PCIe 4.0 x4 slot
Max. Festplattenkapazitaet	Raptor Lake, Meteor Lake and Arrow Lake: up to two drives, 2x M.2 SSD <ul style="list-style-type: none"> • M.2 2242 SSD up to 1TB • M.2 2280 SSD up to 1TB
Kartenleser	No card reader

Display & Design

Display	16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, 120Hz
Touchscreen	None
Stifteingabe	Pen Not Supported
Tastatur	Backlit, German
Gehaeusefarbe	Black
Gehaeusematerial	Aluminium (Top), Aluminium (Bottom)
Abmessungen (BxTxH)	356 x 249 x 10.1/17.05 (front/rear), 21.15 (maximum) mm; 14.01 x 9.80 x 0.40/0.67 (front/rear), 0.83 (maximum) inches
Gewicht	Starting at 1.63 kg (3.59 lbs)

Konnektivitaet & Multimedia

WLAN + Bluetooth	Intel Wi-Fi 6E AX211, 802.11ax 2x2 + BT5.3
Mobilfunk (WWAN)	WWAN Not Supported
SIM-Karte	No SIM card included
Ethernet	100/1000M (RJ-45)
NFC	No NFC
Standard-Anschlusse	1x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On 1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 15-65W and DisplayPort 2.1 1x HDMI 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (RJ-45)
Optionale Anschlusse	1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 15-65W and DisplayPort 1.4
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad E16 Gen 3 (Intel)

Audio-Chip	High Definition (HD) Audio, Senary SN6147 codec
Lautsprecher	Stereo speakers, 2W x2, Dolby Atmos, audio by HARMAN
Mikrofon	2x, Array
Kamera	FHD 1080p + IR Hybrid with Privacy Shutter
Akku	64Wh
Stromversorgung	65W USB-C (3-pin)

Software, Sicherheit & Garantie

Betriebssystem	Windows 11 Pro, German
Mitgelieferte Software	Lenovo AI Now
ThinkShield	ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit here
Sicherheits-Chip	Discrete TPM 2.0 Enabled
Physische Sicherung	Kensington Nano Security Slot, 2.5 x 6 mm
Fingerabdruckscanner	Touch Style, Match-on-Chip, Integrated in Power Button
Weitere Sicherheit	Camera privacy shutter IR camera for Windows Hello (facial recognition)
System-Management	Non-vPro
Herstellergarantie	1-year, Courier or Carry-in
Garantie-Upgrade	1Y Premier WHB (CPN)
Mitgeliefertes Zubehoer	None
Zertifizierungen	ENERGY STAR 9.0 EPEAT Gold Registered ErP Lot 6/26 RoHS compliant TCO Certified, generation 10

Militaerstandard	MIL-STD-810H military test passed
EAN / UPC / JAN	0198158415873
Support-Ende	2031-11-15
Ankuendigungsdatum	2025-04-15