

LENOVO

Laptop Lenovo ThinkPad X9-15 G1 / Ultra 7 258V / 32GB LPDDR5 / 1TB / 15.3" 2.8K OLED Touch / Intel Arc 140V / DE / Gri

SKU: 14001153 · EAN: 0198156190536

SPECIFIKAT TEKNIKE

140 specifikat e produktit

ATRIBUTI	VLERA
Design	
Colour name	Grey
Product type	Laptop
Product colour	Grey
Form factor	Clamshell
Housing material	Aluminium
Intel® vPro™ Platform Eligibility	Yes
Display	
Display diagonal	38.9 cm (15.3")
Display resolution	2880 x 1800 pixels
Touchscreen	Yes
HD type	2.8K
Panel type	OLED
LED backlight	Yes
Native aspect ratio	16:10
Anti-reflective coating	Yes
Display brightness	500 cd/m ²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz
Contrast ratio (typical)	100000:1
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	Dolby Vision, DisplayHDR True Black 600
Processor	
Processor manufacturer	Intel
Processor family	Intel Core Ultra 7

Processor generation	Intel Core Ultra (Series 2)
Processor model	258V
Processor cores	8
Processor threads	8
Processor boost frequency	4.8 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.8 GHz
Low Power Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.2 GHz
Low Power Efficient-core Base Frequency	2200 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	17 W
Maximum turbo power	37 W
Neural processor unit (NPU)	
Copilot+ PC	Yes
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	Yes
Windows Studio effects support	Yes
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	115 TOPs
NPU performance up to	47 TOPs
GPU performance up to	64 TOPs
Memory	
Internal memory	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory clock speed	8533 MHz
Memory form factor	On-board
Maximum internal memory	32 GB
Memory channels	Dual-channel
Storage	
Total storage capacity	1 TB
Storage media	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1

SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	Yes
SSD form factor	M.2
M.2 SSD size	2242 (22 x 42 mm)
Optical drive type	No
Card reader integrated	No
Graphics	
Discrete graphics card model	Not available
On-board graphics card	Yes
On-board GPU manufacturer	Intel
Discrete graphics card	No
On-board graphics card family	Intel Arc Graphics
On-board graphics card model	Intel Arc Graphics 140V
Audio	
Audio chip	Cirrus Logic CS42L43
Audio system	Dolby Atmos
Number of built-in speakers	4
Speaker power	2 W
Built-in microphone	Yes
Number of microphones	2
Camera	
Front camera	Yes
Front camera resolution (numeric)	8 MP
Front camera HD type	Ultra HD
Infrared (IR) camera	Yes
Privacy camera	Yes
Privacy type	Privacy shutter
Network	
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection	No
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 7 BE201
WLAN controller manufacturer	Intel
Ethernet LAN	No

Bluetooth	Yes
Bluetooth version	5.4
Near Field Communication (NFC)	No
WWAN	Not installed
Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	Yes
Combo headphone/mic port	Yes
USB Type-C DisplayPort Alternate Mode	Yes
USB Sleep-and-Charge	Yes
USB Sleep-and-Charge ports	1
Performance	
Motherboard chipset	Intel SoC
Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad	No
Keyboard backlit	Yes
Spill-resistant keyboard	Yes
Keyboard language	German
Copilot key	Yes
Software	
Operating system architecture	64-bit
Operating system language	German
Microsoft Copilot	Yes
Operating system installed	Windows 11 Pro
Bundled software	Intel Connectivity Performance Suite
Battery	
Battery technology	Lithium Polymer (LiPo)
Battery capacity	80 Wh
Power	
AC adapter power	65 W
AC adapter frequency	50/60 Hz

AC adapter input voltage	100 - 240 V
USB Type-C charging port	Yes
USB Power Delivery (USB PD)	Yes
Security	
Fingerprint reader	Yes
Smart card reader	No
Windows Hello	Yes
Trusted Platform Module (TPM)	Yes
Trusted Platform Module (TPM) version	2.0
Password protection	Yes
Password protection type	BIOS, Power on, SSD, Supervisor
Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m
Certificates	
Compliance certificates	RoHS
Certification	ENERGY STAR 8.0EPEAT Gold RegisteredErP Lot 6/26RoHS compliantTCO Certified 10.0Intel Evo PlatformEyesafe Certified 2.0TÜV Rheinland Eye Comfort Certification (5-star)MIL-STD-810H military test passed
Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO
Weight & dimensions	
Width	339.6 mm
Depth	228.5 mm
Height	12.9 mm
Weight	1.4 kg
Packaging content	
AC adapter included	Yes