ComX Computers
Product Specification Sheet

21L3000NZA

Lenovo Thinkpad L16 gen1 Core Ultra Notebook Core Ultra 7 155U 4.8GHz 16GB 1TB 16" WUXGA Intel Graphics BT 3G Win 11 Pro

Product Overview

Lenovo Thinkpad L16 gen1 Series Core Ultra 21L3000NZA Black Notebook, Intel Core Ultra 7 155U Twelve (12) Core Meteor Lake Turbo Boost up to 4.8Ghz 12MB L3 Cache Processor (2 Perfomance Cores & 8 Efficient Cores & 2 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 16" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, Intel Graphics, NPU Intel AI Boost 1.4GHz, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Built in 4G (LTE), Webcam, Fingerprint Reader, Backlit Keyboard, Full Size Keyboard with Numpad, 1x USB 2.0 Port, 2x USB 3.2 Gen 1 Type-A, 1x USB 3.2 Gen 2x2 Type-C USB 20Gbps with USB PD 3.0 / DisplayPort 1.4, 1x Thunderbolt 4 / USB4 40Gbps with USB PD 3.0 / DisplayPort 2.1, HDMI output, Kensington Nano Security Slot, 1.8 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty











Notes:
*1. Items with * are only available on selected models*

1. Ethernet (RJ-45)	7. Headphone / microphone combo jack (3.5mm)
2. USB-C® (USB 20Gbps), with USB PD 3.0 & DP 1.4	8. USB-A (Hi-Speed USB)
3. Thunderbolt™ 4	9. USB-A (USB 5Gbps)
4. HDMI®	10. Kensington® Nano Security Slot™
5. USB-A (USB 5Gbps), Always On	11. Nano-SIM card slot (WWAN model)*
6. Smart card reader*	

Specifications

Overview:

ThinkPad L16 Gen 1 (Intel)

- Up to Intel Core Ultra 7 155H
- Up to Windows 11 Pro
- Up to Intel Arc Graphics (integrated)
- Up to 64GB DDR5-5600, 2x SO-DIMM
- Up to 1x 2TB M.2 PCIe NVMe SSD
- Up to 16" (1920x1200) IPS, 400nits, 100% sRGB, Eyesafe

Specifications:

ThinkPad L16 Gen 1 (Intel)	
Part Number	21L3000NZA
PERFORMANCE	
Processor	Intel Core Ultra 7 155U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB
NPU	Intel AI Boost integrated in Intel Core Ultra processor
Graphics	Integrated Intel Graphics
Chipset	Intel SoC Platform
Memory	1x 16GB SO-DIMM DDR5-5600
Memory Slots	Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory	Up to 64GB DDR5-5600
Storage	1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
Storage Support	One drive, up to 2TB M.2 2280 SSD
Storage Slot	One M.2 2280 PCIe 4.0 x4 slot
Card Reader	None
Optical	None
Audio Chip	High Definition (HD) Audio, Senary SN6147 codec
Speakers	Stereo speakers, 2W x2, Dolby Audio
Camera	5.0MP + IR Discrete with Privacy Shutter

Microphone	2x, Array
Battery	Integrated 46.5Wh
Power Adapter	65W USB-C (3-pin)
DESIGN	
Display	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC
Touchscreen	None
Keyboard	Backlit, English (EU)
Case Color	Black
Case Material	PC-ABS (Top), PC-ABS (Bottom)
Dimensions (WxDxH)	357.2 x 253.4 x 20.78 mm (14.06 x 9.98 x 0.82 inches)
Weight	Starting at 1.77 kg (3.90 lbs)
SOFTWARE	
Operating System	Windows 11 Pro, English
Bundled Software	None
CONNECTIVITY	
Ethernet	100/1000M (RJ-45)
WLAN + Bluetooth	Intel Wi-Fi 6E AX211, 802.11ax 2x2 + BT5.3
WWAN	Quectel EM061K-GL, 4G LTE CAT6, with Embedded eSIM
SIM Card	None
NFC	None
Standard Ports	1x USB-A (Hi-Speed USB / USB 2.0)
	2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On
	1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort 1.4
	1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 and DisplayPort 2.1
	1x HDMI 2.1, up to 4K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
	1x Ethernet (RJ-45)
Optional Ports (configured)	1x Nano-SIM Card Slot
Docking	Various docking solutions supported via Thunderbolt or USB-C . For more compatible docking solutions, please visit Docking for ThinkPad L16 Gen 1 (Intel)
SECURITY & PRIVACY	
Smart Card Reader	None
Security Chip	Discrete TPM 2.0 Enabled
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Physical Locks	Kensington Nano Security Slot, 2.5 x 6 mm
Other Security	IR camera for Windows Hello (facial recognition)
	Camera privacy shutter

MANAGEABILITY	
System Management	Non-vPro
ACCESSORIES	
Bundled Accessories	None
CERTIFICATIONS	
Green Certifications	ENERGY STAR 8.0
	EPEAT Gold Registered
	ErP Lot 6
	ErP Lot 26
	RoHS compliant
	TCO Certified 9.0
Mil-Spec Test	MIL-STD-810H military test passed

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-21L3000NZA-Lenovo-Thinkpad-L16-Ip-318140.php

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