Lenovo

Lenovo ThinkPad Z16 Gen 1 AMD Ryzen™ 7 PRO 6850H Computer portatile 40,6 cm (16") WUXGA 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Nero

Marchio : Lenovo

Famiglia del prodotto: ThinkPad

Codice prodotto: 21D4002CIX

Nome del prodotto : Z16 Gen 1

AMD Ryzen 7 PRO 6850H (8C/16T, 3.2/4.7GHz, 4MB L2/16MB L3), 16GB LPDDR5-6400, 512GB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal2, 16" WUXGA (1920x1200) Low Power IPS 400nits Anti-glare, AMD Radeon 680M Graphics, Qualcomm NFA725A Wi-Fi 6E 11ax 2x2 + BT5.1, IR & FHD 1080p Hybrid with E- Shutter, Windows 11 Pro 64

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Infinite possibilità, per ogni attività
- Potente sistema da 40,64 cm (16") con processori per dispositivi mobili AMD Ryzen™ PRO serie 6000H
- Realizzato in alluminio riciclato e plastica riciclata post-consumo
- Tecnologia ultrasicura dal chip al cloud con Microsoft Pluton
- Webcam Full HD a infrarossi avanzata, Dolby Voice® e sistema di altoparlanti Dolby Atmos®
- Opzioni per scheda grafica AMD dedicata, ideale per la creazione di contenuti
- Tastiera perfezionata con TrackPoint avanzato a due funzioni

Design	
Colour name	Arctic Grey (Top) Black (Bottom)
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Aluminium

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	WUXGA
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
RGB colour space	sRGB
Colour gamut	100%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7 PRO
Processor generation	AMD Ryzen PRO 6000 Series
Processor model *	6850H
Processor cores	8
Processor boost frequency	4.7 GHz
Processor frequency *	3.2 GHz

Memory	
Internal memory *	16 GB

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.1
Near Field Communication (NFC)	✘
WWAN	Not installed

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 3x2 ports quantity	2
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Motherboard chipset	AMD SoC

Keyboard	
Pointing device	ThinkPad UltraNav
Keyboard language	Italian
Numeric keypad *	✘
Keyboard backlit	✔
Spill-resistant keyboard	✔

Memory

Internal memory type	LPDDR5-SDRAM
Memory clock speed	6400 MHz
Memory form factor	On-board
Maximum internal memory *	16 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon 680M

Audio

Audio chip	Realtek ALC3306
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	72 Wh

Power

AC adapter power	135 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Smart card reader	✘
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, Power on, 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%

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO

Weight & dimensions

Width	354.4 mm
Depth	237.4 mm
Height	15.8 mm
Weight *	1.81 kg

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