Lenovo

Lenovo ThinkCentre neo 50a 27 Gen 5 Intel® Core™ i7 i7-13620H 68.6 cm (27") 1920 x 1080 pixels All-in-One PC 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Grey

Brand : Lenovo   **Product family:** ThinkCentre   **Product code:** 12SB000SGE

Product name : neo 50a 27 Gen 5

Lenovo ThinkCentre neo 50a 27 Gen 5. Product type: All-in-One PC. Display diagonal: 68.6 cm (27"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel® Core™ i7, Processor frequency: 2.4 GHz. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Grey

Display

Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	300 cd/m²
Panel type	IPS
RGB colour space	sRGB
Anti-glare screen	✔
Colour gamut	99%

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13620H
Processor cores	10
Processor boost frequency	4.9 GHz
Processor frequency *	2.4 GHz

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Maximum internal memory *	32 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	5200 MHz
Memory layout (slots x size)	2 x 16 GB
Memory form factor	DIMM/SO-DIMM

Camera

Built-in camera *	✔
Total megapixels	5 MP

Network

Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6 AX201
Antenna type	2x2
Ethernet LAN *	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth *	✔
Bluetooth version	5.2

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
HDMI ports quantity *	2
Combo headphone/mic port	✔

Design

Colour name	Luna Grey
Product colour *	Grey

Performance

Product type *	All-in-One PC

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	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	6 W
Built-in microphone	✔
Audio chip	Realtek ALC233-CG

Performance

Motherboard chipset	Intel SoC
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software

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

Power

AC adapter power	135 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Weight & dimensions

Width (with stand)	611.7 mm
Depth (with stand)	192 mm
Height (with stand)	473.2 mm
Weight (with stand)	7.1 kg

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Silver

Packaging content

Mouse included	✔
Mouse connectivity	Wireless
Keyboard included	✔
Keyboard connectivity	Wireless
Keyboard language	German

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