

Lenovo ThinkCentre neo 30a 24 Gen 4 12KO(12K0001HMB)  
 Lenovo ThinkCentre neo 30a 24 Gen 4 12KO - All-in-one - Lifiable Monitor Stand - Core i5 13420H / 2.1 GHz - RAM 8 GB - SSD 512 GB - TCG Opal Encryption 2, NVMe - UHD Graphics - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6) WLAN:- 802.11a/b/g/n/ac/ax, Bluetooth 5.1 - Win 11 Pro - monitor:LED 23.8" 1920 x 1080 (Full HD) @ 60 Hz - keyboard:Belgium - raven black - TopSeller - with 1 Year Lenovo Onsite Support, CO2 Offset 0.5 ton (2nd Gen)



## Key Selling Points

- All-in-one business PC with 13th Gen Intel Core processing
- Midsized, 24" design fits any desk - with loads of screen space
- Efficient, responsive integrated graphics
- High-speed memory and storage to accelerate your workday
- Better, clearer virtual meetings using AI Meeting Manager
- Smart cooling features with modes for different workplaces

## Product Features

### For all you do - an all-in-one

The ThinkCentre Neo 30a Gen 4 (24" Intel) could be the perfect office companion. The all-in-one design - where the PC and display function as one unit - fits virtually anywhere. And it's powered by top-flight, 13th Gen Intel Core processors with integrated graphics. Whether you're focusing on details, designing products, or multitasking through everything at once, this flexible PC can help you do it all.

### Small size, big productivity

Got a big job but a small desk? Tired of cables that seem to be everywhere? With a midsized, 23.8" FHD display, the ThinkCentre Neo 30a Gen 4 offers crisp, vibrant visuals with plenty of on-screen work area for productivity, while the all-in-one construction saves space and reduces cable clutter.

### Smart, connected, secure

Ease of use is a hallmark of the ThinkCentre Neo line of all-in-one PCs. And the Neo 30a Gen 4 (24" Intel) delivers, with multiple USB and other ports for connecting accessories. But you get more than convenience - you get peace of mind, too.

### Good-bye background noise

Finally, a computer that makes virtual meetings more enjoyable and productive. AI Meeting Manager improves audio, eases background distractions, and helps with post-meeting chores. For clear communication, there's AI-enhanced noise reduction, plus Subtitles and Translator tools. For less manual note-taking, try Voice-to-Text or Meeting Notes Editor.

### Ready to work, today and tomorrow

The ThinkCentre Neo 30a Gen 4 (24" Intel) all-in-one has features you need - and features you want. There's a handy retractable webcam you can pop-out to activate for office meetings or family video calls, then pop back in when you choose not to be seen.

### Stays cool - like you

Go ahead. Put your all-in-one PC to work. The ThinkCentre Neo 30a Gen 4 (24" Intel) has the Intelligent Cooling Engine (ICE) 5.0, with four operating modes tuned for environments from everyday office cubicles to steamy work zones. Even if your job has you hot under the collar, ICE 5.0 keeps your PC running smoothly using virtual intuition to control power consumption and internal temperature.

## Main Specifications

Product Description	Lenovo ThinkCentre neo 30a 24 Gen 4 - all-in-one - Core i5 13420H 2.1 GHz - 8 GB - SSD 512 GB - LED 23.8" - Belgium
Type	Personal computer - all-in-one
Bundled Services	1 Year Lenovo Onsite Support, CO2 Offset 0.5 ton (2nd Gen)
Localisation	Language: English, German, French, Dutch / region: Belgium
Processor	Intel Core i5 (13th Gen) 13420H / 2.1 GHz (, up to 4.6 GHz, (8-core)
Cache Memory	12 MB

Cache Per Processor	12 MB
RAM	8 GB (installed) / 16 GB (max) - DDR4 SDRAM
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 512 GB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption 2, NVM Express (NVMe)
Optical Storage	No optical drive
Monitor	23.8" - LED - 1920 x 1080 (Full HD) @ 60 Hz - 16:9
Graphics Controller	Intel UHD Graphics Shared Video Memory (UMA)
Camera	Yes
Networking	1GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, Bluetooth 5.1, Wi-Fi 6
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Colour	Raven black
Dimensions (WxDxH)	54.1 cm x 22 cm x 48.05 cm
Weight	6.6 kg
Manufacturer Selling Program	TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Manufacturer Warranty	Base warranty - 1 year - pick-up and return   Extended warranty - 1 year - on-site

## Extended Specification

### General

Type	Personal computer
Bundled Services	1 Year Lenovo Onsite Support, CO2 Offset 0.5 ton (2nd Gen)
Product Form Factor	All-in-one - Liftable Monitor Stand
Built-in Devices	Stereo speakers
Embedded Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip
Colour	Raven black
Localisation	Language:English, German, French, Dutch / region:Belgium

### Processor / Chipset

CPU	Intel Core i5 (13th Gen) 13420H
Clock Speed	2.1 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed	4.6 GHz (P-core) / 3.4 GHz (E-core)
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	1

### Cache Memory

Installed Size	12 MB
Cache Per Processor	12 MB

### RAM

Installed Size	8 GB / 16 GB (max)
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Technology	DDR4 SDRAM
Effective Memory Speed	3200 MHz
Rated Memory Speed	3200 MHz
Form Factor	SO-DIMM 260-pin
Slots	2 (Total) / 1 (empty)
Features	Dual channel memory architecture
Configuration Features	1 x 8 GB

### Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express 4.0 x4
Features	TCG Opal Encryption 2, NVMe Express (NVMe)

### Storage Controller

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s

### Optical Storage

Type	No optical drive
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### Monitor

Monitor Type	LED - IPS
Diagonal Size	23.8"
Native Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	60 Hz
Widescreen Display	Yes
Image Aspect Ratio	16:9
Horizontal Viewing Angle	+89 / -89
Vertical Viewing Angle	+89 / -89
Colour Gamut	72% NTSC
Response Time	14 ms
Image Brightness	250 cd/m <sup>2</sup>
Image Contrast Ratio	1000:1
Monitor Features	Anti-glare, borderless, tilt stand (-5°- 16°), 16.7 million colour depth

### Graphics Controller

Graphics Processor	Intel UHD Graphics Shared Video Memory (UMA)
Video Interfaces	HDMI

### Audio Output

Compliant Standards	High Definition Audio
Speakers Included	2 x right / left channel

## Camera

Camera	Yes
Resolution	720p
Features	LED indicator, 0° pre-angle pull up camera

## Input Device

Type	Mouse, keyboard
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## Keyboard

Keyboard Name	Lenovo Calliope Keyboard
Interface	USB
Localization & Layout	Belgium

## Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

## Audio Input

Type	Dual array microphone
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## Networking

Interface (Bus) Type	M.2 Card
Ethernet Controller	Realtek RTL8111H
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6 AX 201
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 5.1, IEEE 802.11ax (Wi-Fi 6)
Features	Dual stream (2x2)

## Expansion / Connectivity

Bays	1 (total) / 1 (free) x internal 2.5"
Slots	1 (total) / 0 (free) x M.2 Card (for WLAN) 1 (total) / 0 (free) x M.2 Card (for SSD)
Interfaces	2 x USB 2.0 2 x USB 3.2 Gen 2 1 x HDMI output 1 x LAN (Gigabit Ethernet) 1 x headphones/microphone (1 bottom)

## Miscellaneous

Compliant Standards	TUV Rheinland Low Blue Light Certification, TUV Rheinland Flicker Free Certification, TUV Rheinland Low Noise Certification
Manufacturer Selling Program	TopSeller

## Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	90 Watt
Efficiency	89%

## Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German
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## Sustainability Information

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

## Manufacturer Warranty

Service & Support	Base warranty - 1 year - pick-up and return Extended warranty - 1 year - on-site
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## Dimensions & Weight

Dimensions & Weight Details	54.1 cm - 22 cm - 48.05 cm - 6.6 kg - with stand (highest position) 54.1 cm - 22 cm - 38.05 cm - 6.6 kg - with stand (lowest position)
Width	54.1 cm
Depth	22 cm
Height	48.05 cm
Weight	6.6 kg

## Dimensions & Weight (Shipping)

Shipping Width	65.8 cm
Shipping Depth	26.4 cm
Shipping Height	57 cm
Shipping Weight	10.74 kg

## Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80%

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