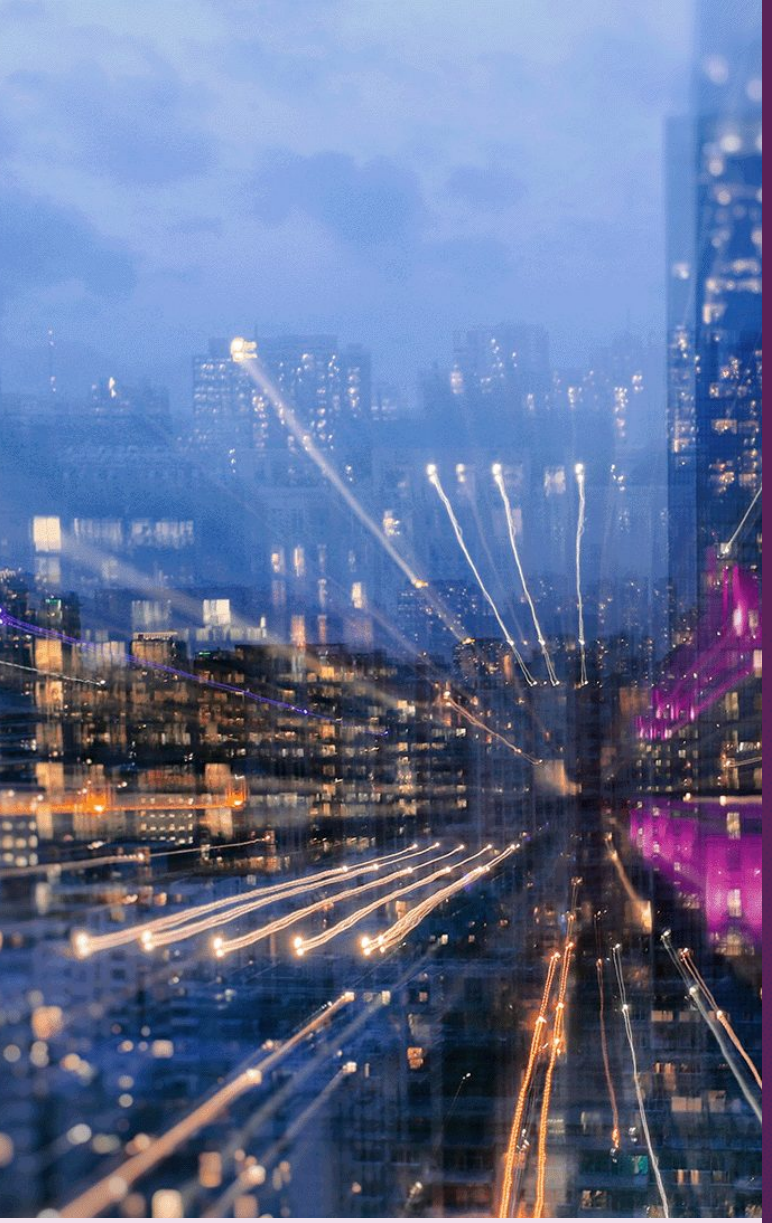

Mainstream computing for a variety of business uses

ThinkCentre Neo series offers organizations enhanced manageability and security features, along with additional configuration and expansion options.

ThinkCentre neo 50a 24



The new ThinkCentre is designed to adapt to any workspace for incredible multitasking performance. Featuring the 12th Gen Intel core processors and up to 16GB DDR5-4800 memory, this device lets users launch applications within seconds and browse with hundreds of tabs open at once. Up to 2 storage drives, 1x2.5” HDD and 1xM.2 SSD, offer massive storage capacity for OS and software files. Plus, the Intel Iris Xe Graphics ensures smooth and uninterrupted user experience during gaming, or photo and video editing.

The wider 23.8” FHD display, optional multitouch screen, borderless design of the device makes it stand out in any room. Bask in the goodness of clear visuals and sounds with the built-in 5-megapixel camera, HD Realtek audio, dual array microphone and the 3Wx2 stereo speakers.

Tick off safeguarding business data and device from your to-do list. This ThinkCentre accompanies smart security features including Firmware TPM 2.0 security chip, Kensington security slot, administrator password, Intel BIOS guard and more to do the job right.

The device is energy-efficient, with Energy Star 8.0 and EPEAT Gold certifications, ensuring businesses save money and reduce environmental impact.

Lenovo services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



On-site Service

If a problem can’t be fixed remotely, we will visit your location
Normally next business day service
Agreed appointment times

Accessories

Lenovo 100 Mono USB Headset



The headset features hassle-free plug-and-play, a dynamic rotatable microphone that can be positioned on both the left and right side of your head.
Premium protein leather earcup cushioned with memory-foam for comfort that lasts all day.
Powerful 30 mm audio drivers with neodymium magnets envelop the user in rich detail when paired with the vocal-optimized boom-mic, for a crystal-clear calling experience.

PN: 4XD1B61617

Lenovo Kensington MicroSaver Cable Lock



Cut-resistant cable lock to protect against device theft; 5ft/1.5m cable anchors to desk, table or any fixed structure
Tamper-resistant, disk-style lock provides near-impenetrable theft protection, but still allows users to pivot and rotate devices
Fits a wide range of devices and docking solutions based on the Kensington slot design. Dual head locks available to secure 2 devices to one cable

PN: 4XE0N80914

ThinkCentre neo 50a 24

Key Specifications

Processor
12th Generation Intel® Core™ i3 P-Series and i5 / i7 H-Series Processor

Operating System
Windows 11 Pro 64

Memory
Up to 16GB DDR5-4800

Storage
Up to two drives, 1x 2.5" HDD + 1x M.2 SSD (2.5" HDD up to 2TB, M.2 SSD up to 1TB)

Optical
optional DVD burner (DVD±RW), SATA connector, slim (9.0mm)

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Power Supply
180W 90%

Dimensions
Models with liftable monitor stand: 541 x 220 x 482 mm (21.3 x 8.7 x 19 inches)
Models with monitor stand: 541 x 209.9 x 433.7 mm (21.3 x 8.3 x 17.1 inches)

Weight
Models with liftable monitor stand: Around 7.65 kg (16.9 lbs)
Models with monitor stand: Around 7.43 kg (16.4 lbs)

Green Certifications

EPEAT™ Silver, (Optional) ENERGY STAR® 8.0

Other Certifications

TÜV Rheinland® Flicker Free, TÜV Rheinland Low Blue Light , TÜV Rheinland Ultra Low Noise

Connectivity

Rear I/O
1x USB 2.0 1x USB 3.2 Gen 2 (Supports smart power-on), 2x USB-C® 3.2 Gen 2 1x USB-C 2.0 (Supports data transfer, Power Delivery 3.0), 1x HDMI-out 2.1 TMDS, 1x HDMI-in 1.4, 1x Ethernet (RJ-45), 1x headphone / microphone combo jack (3.5mm)

WLAN + Bluetooth
One of the following
Intel 9560, 11ac 2x2 + BT5.0 | Intel AX201, 11ax 2x2 + BT5.1 | Realtek RTL8822CE, 11ac 2x2 + BT5.0

Ethernet
Integrated 100/1000M

Security & Privacy

Firmware TPM 2.0 integrated in SoC, Kensington® Security Slot, 3 x 7 mm

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