



## Lenovo ThinkCentre neo 50a Intel® Core™ i5 i5-13420H 68.6 cm (27") 1920 x 1080 Pixeles Pantalla táctil PC todo en uno 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Gris



**Marca :** Lenovo

**Familia de productos:**  
ThinkCentre

**Código del producto:**  
12SB0020LS

**Nombre del producto :** neo  
50a

- Windows 11 Pro 64-bit  
- Intel Core i5-13420H (12MB Cache)  
- 68.6 cm (27") Full HD 1920 x 1080 IPS Touch  
- 16GB (5200MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD  
Intel Core i5-13420H (12MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 68.6 cm (27") Full HD 1920 x 1080 IPS Touch, Intel UHD Graphics, LAN, WLAN, Bluetooth, Webcam, Windows 11 Pro 64-bit  
Lenovo ThinkCentre neo 50a. Tipo de producto: PC todo en uno. Diagonal de la pantalla: 68.6 cm (27"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles, Pantalla táctil, Tipo de panel: IPS. Familia de procesador: Intel® Core™ i5. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics. Cámara incorporada. Sistema operativo instalado: Windows 11 Pro. Color del producto: Gris

| Display                              |                          | Network                                           |                     |
|--------------------------------------|--------------------------|---------------------------------------------------|---------------------|
| Display diagonal *                   | 68.6 cm (27")            | Wi-Fi *                                           | ✓                   |
| Display resolution *                 | 1920 x 1080 pixels       | Top Wi-Fi standard *                              | Wi-Fi 6 (802.11ax)  |
| Touchscreen *                        | ✓                        | Wi-Fi standards                                   | Wi-Fi 6 (802.11ax)  |
| HD type *                            | Full HD                  | WLAN controller manufacturer                      | Intel               |
| Native aspect ratio                  | 16:9                     | WLAN controller model                             | Intel Wi-Fi 6 AX201 |
| Display brightness                   | 300 cd/m²                | Antenna type                                      | 2x2                 |
| Panel type                           | IPS                      | Ethernet LAN *                                    | ✓                   |
| RGB colour space                     | sRGB                     | Ethernet LAN data rates                           | 1000,100 Mbit/s     |
| Anti-glare screen                    | ✓                        | Bluetooth *                                       | ✓                   |
| Colour gamut                         | 99%                      | Bluetooth version                                 | 5.2                 |
| Tilt adjustment                      | ✓                        | <b>Ports &amp; interfaces</b>                     |                     |
| Tilt angle range                     | -5 - 15°                 | Ethernet LAN (RJ-45) ports                        | 1                   |
| <b>Processor</b>                     |                          | USB 2.0 ports quantity *                          | 2                   |
| Processor manufacturer *             | Intel                    | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1                   |
| Processor family *                   | Intel® Core™ i5          | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1                   |
| Processor generation                 | 13th gen Intel® Core™ i5 | HDMI ports quantity *                             | 2                   |
| Processor model *                    | i5-13420H                | HDMI version                                      | 1.4/2.1             |
| Processor cores                      | 8                        | Combo headphone/mic port                          | ✓                   |
| Processor boost frequency            | 4.6 GHz                  | <b>Design</b>                                     |                     |
| Performance cores                    | 4                        | Colour name                                       | Luna grey           |
| Efficient cores                      | 4                        | Product colour *                                  | Grey                |
| Performance-core Max Turbo Frequency | 4.6 GHz                  | <b>Performance</b>                                |                     |
| Efficient-core Max Turbo Frequency   | 3.4 GHz                  | Product type *                                    | All-in-One PC       |
| Processor cache                      | 12 MB                    | Motherboard chipset                               | Intel SoC           |
| Processor cache type                 | Smart Cache              | Trusted Platform Module (TPM)                     | ✓                   |
| Processor base power                 | 45 W                     |                                                   |                     |
| Maximum turbo power                  | 95 W                     |                                                   |                     |

| Memory                             |                     | Performance                           |                                                                                                                                                                                                   |
|------------------------------------|---------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal memory *                  | 16 GB               | Trusted Platform Module (TPM) version | 2.0                                                                                                                                                                                               |
| Internal memory type               | DDR5-SDRAM          | BIOS password                         | ✔                                                                                                                                                                                                 |
| Maximum internal memory *          | 32 GB               | Software                              |                                                                                                                                                                                                   |
| Memory slots                       | 2                   | Operating system architecture         | 64-bit                                                                                                                                                                                            |
| Memory slots type                  | SO-DIMM             | Operating system installed *          | Windows 11 Pro                                                                                                                                                                                    |
| Memory clock speed                 | 5200 MHz            | Operating system language             | Spanish                                                                                                                                                                                           |
| Memory layout (slots x size)       | 1 x 16 GB           | Power                                 |                                                                                                                                                                                                   |
| Memory form factor                 | DIMM/SO-DIMM        | AC adapter power                      | 90 W                                                                                                                                                                                              |
| Storage                            |                     | Weight & dimensions                   |                                                                                                                                                                                                   |
| Total storage capacity *           | 1 TB                | Width (with stand)                    | 611.7 mm                                                                                                                                                                                          |
| Storage media *                    | SSD                 | Depth (with stand)                    | 192 mm                                                                                                                                                                                            |
| Number of storage drives installed | 1                   | Height (with stand)                   | 473.2 mm                                                                                                                                                                                          |
| Total SSDs capacity                | 1 TB                | Weight (with stand)                   | 7.1 kg                                                                                                                                                                                            |
| Number of SSDs installed           | 1                   | Package width                         | 766 mm                                                                                                                                                                                            |
| SSD capacity                       | 1 TB                | Package depth                         | 229 mm                                                                                                                                                                                            |
| SSD interface                      | PCI Express 4.0     | Package height                        | 570 mm                                                                                                                                                                                            |
| NVMe                               | ✔                   | Package weight                        | 10.9 kg                                                                                                                                                                                           |
| SSD form factor                    | M.2                 | Operational conditions                |                                                                                                                                                                                                   |
| Optical drive type *               | ✗                   | Operating temperature (T-T)           | 5 - 35 °C                                                                                                                                                                                         |
| Card reader integrated             | ✗                   | Storage temperature (T-T)             | -20 - 60 °C                                                                                                                                                                                       |
| Graphics                           |                     | Operating relative humidity (H-H)     | 20 - 80%                                                                                                                                                                                          |
| Discrete graphics card *           | ✗                   | Storage relative humidity (H-H)       | 10 - 90%                                                                                                                                                                                          |
| Discrete graphics card model *     | Not available       | Operating altitude                    | 0 - 3048 m                                                                                                                                                                                        |
| On-board graphics card *           | ✔                   | Non-operating altitude                | 0 - 12192 m                                                                                                                                                                                       |
| On-board GPU manufacturer          | Intel               | Certificates                          |                                                                                                                                                                                                   |
| On-board graphics card family      | Intel® UHD Graphics | Certification                         | ENERGY STAR 8.0 EPEAT Silver<br>Registered ErP Lot 3 and Lot 7<br>GREENGUARD® RoHS / WEEE /<br>REACH TÜV Rheinland® Flicker Free<br>TÜV Rheinland Low Blue Light TÜV<br>Rheinland Ultra Low Noise |
| On-board graphics card model *     | Intel® UHD Graphics |                                       |                                                                                                                                                                                                   |
| Audio                              |                     | Packaging content                     |                                                                                                                                                                                                   |
| Built-in speaker(s) *              | ✔                   | Mouse included                        | ✔                                                                                                                                                                                                 |
| Number of speakers                 | 2                   | Mouse connectivity                    | Wired                                                                                                                                                                                             |
| RMS rated power                    | 6 W                 | Keyboard included                     | ✔                                                                                                                                                                                                 |
| Built-in microphone                | ✔                   | Keyboard connectivity                 | Wired                                                                                                                                                                                             |
| Audio system                       | HD                  | Keyboard language                     | Spanish                                                                                                                                                                                           |
| Camera                             |                     |                                       |                                                                                                                                                                                                   |
| Built-in camera *                  | ✔                   |                                       |                                                                                                                                                                                                   |
| Total megapixels                   | 5 MP                |                                       |                                                                                                                                                                                                   |



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