



## Lenovo ThinkPad E16 Gen 3 (Intel) Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 21SR004NCK

**Product name :** ThinkPad E16  
Gen 3 (Intel)

- Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache, 1x 16GB SODIMM DDR5-5600, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz, Intel Graphics, Intel Wi-Fi 6E AX211 802.11ax 2x2 + BT5.3, Windows 11 Pro



| Design                      |                    | Network                                           |                      |
|-----------------------------|--------------------|---------------------------------------------------|----------------------|
| Product type *              | Laptop             | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)  |
| Product colour *            | Black              | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)  |
| Form factor *               | Clamshell          | Mobile network connection *                       | ✗                    |
| Housing material            | Aluminium          | Antenna type                                      | 2x2                  |
| Display back cover material | Aluminium          | WLAN controller model                             | Intel Wi-Fi 6E AX211 |
| Display                     |                    | WLAN controller manufacturer                      | Intel                |
| Display diagonal *          | 40.6 cm (16")      | Ethernet LAN                                      | ✓                    |
| Display resolution *        | 1920 x 1200 pixels | Ethernet LAN data rates                           | 100,1000 Mbit/s      |
| Touchscreen *               | ✗                  | Bluetooth                                         | ✓                    |
| HD type                     | WUXGA              | Bluetooth version                                 | 5.3                  |
| Panel type                  | IPS                | Near Field Communication (NFC)                    | ✗                    |
| LED backlight               | ✓                  | WWAN                                              | Not installed        |
| Native aspect ratio         | 16:10              | Ports & interfaces                                |                      |
| Anti-glare screen           | ✓                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                    |
| Display brightness          | 300 cd/m²          | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity   | 1                    |
| RGB colour space            | NTSC               | USB 3.2 Gen 2x2 Type-C ports quantity             | 1                    |
| Colour gamut                | 45%                | Ethernet LAN (RJ-45) ports                        | 1                    |
| Maximum refresh rate        | 60 Hz              | HDMI ports quantity *                             | 1                    |
| Processor                   |                    | HDMI version                                      | 2.1                  |
| Processor manufacturer *    | Intel              | Thunderbolt 4 ports quantity                      | 1                    |
| Processor family *          | Intel Core Ultra 5 | Intel® Thunderbolt 4                              | ✓                    |
| Processor model *           | 225U               | Combo headphone/mic port                          | ✓                    |
| Processor cores             | 12                 | USB Sleep-and-Charge                              | ✓                    |
| Processor threads           | 14                 | Performance                                       |                      |
| Memory                      |                    | Motherboard chipset                               | Intel SoC            |
| Internal memory *           | 16 GB              |                                                   |                      |
| Internal memory type        | DDR5-SDRAM         |                                                   |                      |

| Memory                         |                    | Keyboard                                   |                                 |
|--------------------------------|--------------------|--------------------------------------------|---------------------------------|
| Memory clock speed             | 5600 MHz           | Pointing device                            | ThinkPad UltraNav               |
| Memory form factor             | SO-DIMM            | Numeric keypad *                           | ✓                               |
| Memory layout (slots x size)   | 1 x 16 GB          | Keyboard backlit                           | ✓                               |
| Memory slots                   | 2x SO-DIMM         | Software                                   |                                 |
| Maximum internal memory *      | 64 GB              | Operating system language                  | Czech, Slovak, English          |
| Storage                        |                    | Operating system installed *               | Windows 11 Pro                  |
| Total storage capacity *       | 512 GB             | Battery                                    |                                 |
| Storage media *                | SSD                | Battery capacity *                         | 64 Wh                           |
| Total SSDs capacity            | 512 GB             | Power                                      |                                 |
| Number of SSDs installed       | 1                  | AC adapter power                           | 65 W                            |
| SSD capacity                   | 512 GB             | USB Type-C charging port *                 | ✓                               |
| SSD interface                  | PCI Express 4.0    | USB Type-C required charging power (min) * | 45 W                            |
| NVMe                           | ✓                  | USB Type-C required charging power (max) * | 65 W                            |
| SSD form factor                | M.2                | USB Power Delivery (USB PD)                | ✓                               |
| Optical drive type *           | ✗                  | Security                                   |                                 |
| Card reader integrated         | ✗                  | Cable lock slot                            | ✓                               |
| Graphics                       |                    | Cable lock slot type                       | Kensington                      |
| Discrete graphics card model * | Not available      | Fingerprint reader                         | ✓                               |
| On-board graphics card *       | ✓                  | Smart card reader                          | ✗                               |
| On-board GPU manufacturer      | Intel              | Windows Hello                              | ✓                               |
| Discrete graphics card *       | ✗                  | Trusted Platform Module (TPM)              | ✓                               |
| On-board graphics card family  | Intel® Graphics    | Trusted Platform Module (TPM) version      | 2.0                             |
| On-board graphics card model * | Intel® Graphics    | Certificates                               |                                 |
| Audio                          |                    | Certification                              | ENERGY STAR,TCO,EPEAT Gold,RoHS |
| Audio chip                     | Senary SN6147      | Weight & dimensions                        |                                 |
| Number of built-in speakers    | 2                  | Width                                      | 356 mm                          |
| Speaker power                  | 2 W                | Depth                                      | 249 mm                          |
| Built-in microphone            | ✓                  | Height (front)                             | 1.01 cm                         |
| Number of microphones          | 2                  | Height (rear)                              | 1.71 cm                         |
| Camera                         |                    | Weight *                                   | 1.63 kg                         |
| Front camera                   | ✓                  | Packaging content                          |                                 |
| Front camera resolution        | 1920 x 1080 pixels | AC adapter included *                      | ✓                               |
| Front camera HD type           | Full HD            |                                            |                                 |
| Infrared (IR) camera           | ✓                  |                                            |                                 |
| Privacy camera                 | ✓                  |                                            |                                 |
| Privacy type                   | Privacy shutter    |                                            |                                 |



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### Catalog Object Cloud



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