



Lenovo IdeaPad Slim 3 15IRH8 Intel® Core™ i7 i7-13620H Laptop 39,6 cm (15.6") Full HD 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home English Grey

Brand : Lenovo

Product family: IdeaPad

Article code: 83EM00BKMH

Product name : IdeaPad Slim 3 15IRH8



Lenovo IdeaPad Slim 3 15IRH8. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product color: Grey. Weight: 1,62 kg



| Design | | Network | |
|---------------------------|---|---|--------------------|
| Color name | Arctic Grey | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Product type * | Laptop | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Product color * | Grey | Mobile network connection * | ✗ |
| Form factor * | Clamshell | Antenna type | 2x2 |
| Housing material | Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC) | Ethernet LAN | ✗ |
| Display | | Bluetooth | ✓ |
| Display diagonal * | 39,6 cm (15.6") | Bluetooth version | 5.2 |
| Display resolution * | 1920 x 1080 pixels | Bluetooth Low Energy (BLE) | ✗ |
| Touchscreen * | ✗ | WWAN | Not installed |
| HD type | Full HD | Ports & interfaces | |
| Panel type | IPS | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| LED backlight | ✓ | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Native aspect ratio | 16:9 | HDMI ports quantity * | 1 |
| Anti-glare screen | ✓ | HDMI version | 1.4 |
| Display brightness | 300 cd/m² | Combo headphone/mic port | ✓ |
| RGB color space | NTSC | USB Type-C DisplayPort Alternate Mode | ✓ |
| Color gamut | 45% | Performance | |
| Contrast ratio (typical) | 800:1 | Motherboard chipset | Intel SoC |
| Processor | | Keyboard | |
| Processor manufacturer * | Intel | Pointing device | Touchpad |
| Processor family * | Intel® Core™ i7 | Numeric keypad * | ✓ |
| Processor generation | 13th gen Intel® Core™ i7 | Keyboard backlit | ✗ |
| Processor model * | i7-13620H | Keyboard layout | QWERTY |
| Processor cores | 10 | Keyboard language | English |
| Processor threads | 16 | | |
| Processor boost frequency | 4,9 GHz | | |
| Performance cores | 6 | | |

| Processor | | Software | |
|--|---------------------|---------------------------------------|--|
| Efficient cores | 4 | Operating system architecture | 64-bit |
| Performance-core Max Turbo Frequency | 4,9 GHz | Operating system language | German, Dutch, English, French |
| Efficient-core Max Turbo Frequency | 3,6 GHz | Trial software | Office |
| Processor cache | 24 MB | Operating system installed * | Windows 11 Home |
| Processor cache type | Smart Cache | Bundled software | Office Trial |
| Processor base power | 45 W | Battery | |
| Maximum turbo power | 115 W | Battery technology | Lithium Polymer (LiPo) |
| Memory | | Battery capacity * | 47 Wh |
| Internal memory * | 16 GB | Battery life (max) | 8 h |
| Internal memory type | LPDDR5-SDRAM | Continuous video playback time | 12 h |
| Memory clock speed | 4800 MHz | Fast charging | ✓ |
| Memory form factor | On-board | Power | |
| Maximum internal memory * | 16 GB | AC adapter power | 65 W |
| Memory channels | Dual-channel | AC adapter frequency | 50/60 Hz |
| Storage | | AC adapter input voltage | 100 - 240 V |
| Total storage capacity * | 512 GB | USB Type-C charging port * | ✓ |
| Storage media * | SSD | USB Power Delivery | ✓ |
| Total SSDs capacity | 512 GB | Security | |
| Number of SSDs installed | 1 | Fingerprint reader | ✗ |
| SSD capacity | 512 GB | Trusted Platform Module (TPM) | ✓ |
| SSD interface | PCI Express 4.0 | Trusted Platform Module (TPM) version | 2.0 |
| NVMe | ✓ | Password protection | ✓ |
| SSD form factor | M.2 | Password protection type | BIOS, HDD, Power on, Supervisor |
| Intel® Optane™ Memory module installed | ✗ | Operational conditions | |
| Optical drive type * | ✗ | Operating temperature (T-T) | 5 - 35 °C |
| Card reader integrated | ✓ | Storage temperature (T-T) | 5 - 43 °C |
| Compatible memory cards | SD | Operating relative humidity (H-H) | 8 - 95% |
| Graphics | | Storage relative humidity (H-H) | 5 - 95% |
| Discrete graphics card model * | Not available | Operating altitude | 0 - 3048 m |
| On-board graphics card * | ✓ | Maximum shipping altitude | 3048 m |
| On-board GPU manufacturer | Intel | Certificates | |
| Discrete graphics card * | ✗ | Compliance certificates | RoHS |
| On-board graphics card family | Intel® UHD Graphics | Certification | ErP Lot 26 ErP Lot 6 TÜV Rheinland Low Blue Light MIL-STD-81 |
| On-board graphics card model * | Intel® UHD Graphics | Sustainability | |
| Audio | | Sustainability certificates | ENERGY STAR, EPEAT Silver |
| Audio system | Dolby Audio | Weight & dimensions | |
| Number of built-in speakers | 2 | Width | 359,3 mm |
| Speaker power | 1,5 W | Depth | 235 mm |
| Built-in microphone | ✓ | Height | 17,9 mm |
| Number of microphones | 2 | Weight * | 1,62 kg |
| Camera | | Packaging content | |
| Front camera | ✓ | AC adapter included * | ✓ |
| Front camera resolution | 1280 x 720 pixels | | |
| Front camera HD type | HD | | |
| Privacy camera | ✓ | | |
| Privacy type | Privacy shutter | | |



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