



## Lenovo IdeaPad 530S-15IKB Intel® Core™ i5 i5-8250U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Grey

**Brand :** Lenovo

**Product family:** IdeaPad

**Product code:** 81EV00E2GE

**Product name :** ideapad 530S-15IKB

- Windows 10 Home 64-bit
- Intel Core i5-8250U (6MB Cache, 1.6GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS
- 8 GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i5-8250U (6MB Cache, 1.6GHz), 8 GB DDR4-SDRAM, 256GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics 620, WLAN, Bluetooth, Webcam, Windows 10 Home 64-bit  
Lenovo IdeaPad 530S-15IKB. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Home. Product colour: Grey



| Design                        |                         | Ports & interfaces                                       |                 |
|-------------------------------|-------------------------|--|-----------------|
| Colour name                   | Mineral grey            | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *        | 2               |
| Product type *                | Laptop                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *        | 1               |
| Product colour *              | Grey                    | HDMI ports quantity *                                    | 1               |
| Form factor *                 | Clamshell               | HDMI version   | 1.4a            |
| Housing material              | Aluminium               | Combo headphone/mic port                                 | ✓               |
| Display                       |                         | USB Sleep-and-Charge                                     | ✓               |
| Display diagonal *            | 39.6 cm (15.6")         | USB Sleep-and-Charge ports                               | 1               |
| Display resolution *          | 1920 x 1080 pixels      | Keyboard   |                 |
| Touchscreen *                 | ✗                       | Pointing device  | Touchpad        |
| HD type                       | Full HD                 | Numeric keypad *   | ✗               |
| Panel type                    | IPS                     | Keyboard backlit   | ✓               |
| LED backlight                 | ✓                       | Windows keys   | ✓               |
| Native aspect ratio           | 16:9                    | Software   |                 |
| Display brightness            | 250 cd/m <sup>2</sup>   | Operating system architecture                            | 64-bit          |
| Dual-screen                   | ✗                       | Operating system installed *                             | Windows 10 Home |
| Processor                     |                         | Processor special features                               |                 |
| Processor manufacturer *      | Intel                   | Intel® My WiFi Technology (Intel® MWT)                   | ✓               |
| Processor family *            | Intel® Core™ i5         | Intel® Smart Response Technology                         | ✓               |
| Processor generation          | 8th gen Intel® Core™ i5 | Intel® Identity Protection Technology (Intel® IPT)       | ✓               |
| Processor model *             | i5-8250U                | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓               |
| Processor cores               | 4                       | Intel® Turbo Boost Technology                            | 2.0             |
| Processor threads             | 8                       | Enhanced Intel SpeedStep Technology                      | ✓               |
| Processor boost frequency     | 3.4 GHz                 | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✓               |
| Processor frequency *         | 1.6 GHz                 | Intel Clear Video Technology                             | ✓               |
| System bus rate               | 4 GT/s                  | Intel® InTru™ 3D Technology                              | ✓               |
| Processor cache               | 6 MB                    | Intel® Quick Sync Video Technology                       | ✓               |
| Processor cache type          | Smart Cache             | Intel Flex Memory Access                                 | ✓               |
| Processor socket              | BGA 1356                | Intel® AES New Instructions (Intel® AES-NI)              | ✓               |
| Processor lithography         | 14 nm                   |  |                 |
| Processor operating modes     | 64-bit                  |  |                 |
| Processor codename            | Kaby Lake R             |  |                 |
| Bus type                      | OPI                     |  |                 |
| Stepping                      | Y0                      |  |                 |
| Thermal Design Power (TDP)    | 15 W                    |  |                 |
| Configurable TDP-up frequency | 1.8 GHz                 |  |                 |
| Configurable TDP-up           | 25 W                    |  |                 |

| Processor                                      |                         | Processor special features  |                           |
|--|-------------------------|---|---------------------------|
| Configurable TDP-down                          | 10 W                    | Intel Trusted Execution Technology  | ✗                         |
| Configurable TDP-down frequency                | 0.8 GHz                 | Intel Enhanced Halt State   | ✓                         |
| Tjunction                                      | 100 °C                  | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                         |
| Maximum number of PCI Express lanes            | 12                      | Intel® Secure Key   | ✓                         |
| PCI Express slots version                      | 3.0                     | Intel TSX-NI  | ✗                         |
| PCI Express configurations                     | 1x2+2x1, 1x4, 2x2, 4x1  | Intel Stable Image Platform Program (SIPP)                                    | ✗                         |
| ECC supported by processor                     | ✗                       | Intel® OS Guard   | ✓                         |
| Memory   |                         | Intel Software Guard Extensions (Intel SGX)                                   | ✓                         |
| Internal memory *                              | 8 GB                    | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                         |
| Internal memory type                           | DDR4-SDRAM              | Intel 64  | ✓                         |
| Memory clock speed                             | 2400 MHz                | Execute Disable Bit   | ✓                         |
| Memory form factor                             | SO-DIMM                 | Idle States   | ✓                         |
| Memory layout (slots x size)                   | 1 x 8 GB                | Thermal Monitoring Technologies   | ✓                         |
| Memory slots                                   | 1x SO-DIMM              | Processor package size  | 42 X 24 mm                |
| Maximum internal memory *                      | 16 GB                   | Supported instruction sets  | AVX 2.0, SSE4.1, SSE4.2   |
| Storage  |                         | Processor code  | SR3LA                     |
| Total storage capacity *                       | 256 GB                  | CPU configuration (max)   | 1                         |
| Storage media *                                | SSD                     | Embedded options available  | ✗                         |
| Total SSDs capacity                            | 256 GB                  | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                         |
| Number of SSDs installed                       | 1                       | Intel Identity Protection Technology version                                  | 1.00                      |
| SSD capacity                                   | 256 GB                  | Intel Smart Response Technology version                                       | 1.00                      |
| SSD interface                                  | PCI Express             | Intel Stable Image Platform Program (SIPP) version                            | 0.00                      |
| SSD form factor                                | M.2                     | Intel Secure Key Technology version   | 1.00                      |
| Optical drive type *                           | ✗                       | Intel TSX-NI version  | 0.00                      |
| Card reader integrated                         | ✓                       | Intel Virtualization Technology (VT-x)  | ✓                         |
| Compatible memory cards                        | MMC, SD, SDHC, SDXC     | Processor ARK ID  | 124967                    |
| Graphics                                       |                         | Conflict-Free processor   | ✓                         |
| Discrete graphics card model *                 | Not available           | Battery   |                           |
| On-board graphics card *                       | ✓                       | Battery technology  | Lithium-Ion (Li-Ion)      |
| Discrete graphics card *                       | ✗                       | Battery capacity *  | 45 Wh                     |
| On-board graphics card family                  | Intel® UHD Graphics     | Battery life (max)  | 10 h                      |
| On-board graphics card model *                 | Intel® UHD Graphics 620 | Fast charging   | ✓                         |
| On-board graphics card base frequency          | 300 MHz                 | Power   |                           |
| On-board graphics card dynamic frequency (max) | 1100 MHz                | AC adapter power  | 65 W                      |
| Maximum on-board graphics card memory          | 32 GB                   | AC adapter frequency  | 50 - 60 Hz                |
| On-board graphics card DirectX version         | 12.0                    | AC adapter input voltage  | 100 - 240 V               |
| On-board graphics card OpenGL version          | 4.4                     | DC-in jack  | ✓                         |
| On-board graphics card ID                      | 0x5917                  | Security  |                           |
| Audio  |                         | Fingerprint reader  | ✓                         |
| Audio system                                   | Dolby Audio Premium     | Trusted Platform Module (TPM)   | ✓                         |
| Number of built-in speakers                    | 2                       | Password protection   | ✓                         |
| Speakers manufacturer                          | Harman Kardon           | Password protection type  | Power on, Supervisor      |
| Speaker power                                  | 2 W                     | Certificates  |                           |
| Built-in subwoofer                             | ✗                       | Compliance certificates   | RoHS                      |
| Built-in microphone                            | ✓                       | Sustainability  |                           |
| Number of microphones                          | 2                       | Sustainability certificates   | EPEAT Silver, ENERGY STAR |
| Camera   |                         | Weight & dimensions   |                           |
| Front camera                                   | ✓                       | Width   | 358.9 mm                  |
| Front camera resolution (numeric)              | 1 MP                    |   |                           |
| Front camera signal format                     | 720p                    |   |                           |
| Front camera HD type                           | HD                      |   |                           |
| Auto focus                                     | ✗                       |   |                           |

| Network              |   | Weight & dimensions              |          |
|----------------------|---|----------------------------------|----------|
| Wi-Fi                | ✓   | Depth                            | 244.9 mm |
| Top Wi-Fi standard * | Wi-Fi 5 (802.11ac)  | Height                           | 16.8 mm  |
| Wi-Fi standards      | 802.11a, Wi-Fi 5 (802.11ac),<br>802.11b, 802.11g, Wi-Fi 4 (802.11n) | Weight *                         | 1.95 kg  |
| Antenna type         | 1x1   | Packaging content                |          |
| Ethernet LAN         | ✗   | AC adapter included *            | ✓        |
| Bluetooth            | ✓   | Other features                   |          |
| Bluetooth version    | 4.1   | LightScribe                      | ✗        |
| WWAN                 | Not installed   | 3D                               | ✗        |
|                      |   | Maximum internal memory (64-bit) | 16 GB    |

## Catalog Object Cloud



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