



Lenovo IdeaPad S410 Intel® Core™ i3 i3-4030U Laptop 14" 2 GB DDR3L-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 8.1 White

Brand : Lenovo

Product family: IdeaPad

Article code: 59423041

Product name : S410

Intel Core i3-4030U (1.9 GHz), 2GB DDR3L SDRAM, 500GB HDD, 14" HD LED (1366x768), Intel HD Graphics 4400, Fast Ethernet, Wi-Fi 802.11 b/g/n, Bluetooth 4.0, HD Webcam, Windows 8.1
Lenovo IdeaPad S410. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4030U, Processor frequency: 1.9 GHz. Display diagonal: 14", Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product color: White. Weight: 3.97 lbs (1.8 kg)



| Design | | Keyboard | |
|-------------------------------------|------------------------------------|--|-------------|
| Product type * | Laptop | Windows keys | ✓ |
| Product color * | White | Software | |
| Form factor * | Clamshell | Operating system installed * | Windows 8.1 |
| Market positioning | Business | Processor special features | |
| Display | | Intel® Wireless Display (Intel® WiDi) | ✓ |
| Display diagonal * | 14" | Intel® My WiFi Technology (Intel® MWT) | ✗ |
| Display resolution * | 1366 x 768 pixels | Intel Smart Connect Technology | ✓ |
| Touchscreen * | ✗ | Intel® Anti-Theft Technology (Intel® AT) | ✓ |
| LED backlight | ✓ | Intel® Rapid Start Technology | ✗ |
| Native aspect ratio | 16:9 | Intel® Smart Response Technology | ✓ |
| Display brightness | 200 cd/m² | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Processor | | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Processor manufacturer * | Intel | Intel® Turbo Boost Technology | ✗ |
| Processor family * | Intel® Core™ i3 | Intel® Small Business Advantage (Intel® SBA) | ✓ |
| Processor generation | 4th gen Intel® Core™ i3 | Intel® Matrix Storage Technology (Intel® MST) | ✗ |
| Processor model * | i3-4030U | Intel® High Definition Audio (Intel® HD Audio) | ✓ |
| Processor cores | 2 | Intel® Active Management Technology (Intel® AMT) | ✗ |
| Processor threads | 4 | Enhanced Intel SpeedStep Technology | ✓ |
| Processor frequency * | 1.9 GHz | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| System bus rate | 5 GT/s | Intel Clear Video Technology | ✗ |
| Processor cache | 3 MB | Intel® InTru™ 3D Technology | ✓ |
| Processor cache type | Smart Cache | Intel® Insider™ | ✓ |
| Processor socket | BGA 1168 | Intel® Quick Sync Video Technology | ✓ |
| Processor lithography | 22 nm | Intel Flex Memory Access | ✗ |
| Processor operating modes | 64-bit | Intel® Smart Cache | ✓ |
| Processor series | Intel® Core™ i3-4000 Mobile Series | | |
| Processor codename | Haswell | | |
| Bus type | DMI2 | | |
| FSB Parity | ✗ | | |
| Stepping | D0 | | |
| Thermal Design Power (TDP) | 15 W | | |
| Tjunction | 100 °C | | |
| Maximum number of PCI Express lanes | 12 | | |
| PCI Express slots version | 2.0 | | |

| Processor | | Processor special features | |
|---|-------------------------------------|---|-------------------------|
| PCI Express configurations | 4x1, 2x4 | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| ECC supported by processor | ✗ | Intel Trusted Execution Technology | ✗ |
| Memory | | Intel Enhanced Halt State | ✓ |
| Internal memory * | 2 GB | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Internal memory type | DDR3L-SDRAM | Intel Demand Based Switching | ✗ |
| Memory clock speed | 1600 MHz | Intel® Secure Key | ✓ |
| Memory form factor | SO-DIMM | Intel TSX-NI | ✗ |
| Memory layout (slots x size) | 1 x 2 GB | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Memory slots | 1x SO-DIMM | Intel 64 | ✓ |
| Maximum internal memory * | 8 GB | Execute Disable Bit | ✓ |
| Storage | | Idle States | ✓ |
| Total storage capacity * | 500 GB | Thermal Monitoring Technologies | ✓ |
| Storage media * | HDD | Processor package size | 40 x 24 x 1.5 mm |
| Number of HDDs installed | 1 | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| HDD capacity | 500 GB | Processor code | SR1EN |
| HDD interface | SATA | CPU configuration (max) | 1 |
| HDD speed | 5400 RPM | Embedded options available | ✗ |
| HDD size | 2.5" | UART | ✓ |
| Optical drive type * | ✗ | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Card reader integrated | ✓ | Intel Smart Connect Technology version | 1.00 |
| Compatible memory cards | MMC, SD | Intel Identity Protection Technology version | 1.00 |
| Graphics | | Intel Secure Key Technology version | 1.00 |
| On-board graphics card * | ✓ | Intel ME Firmware Version | 9.5 |
| On-board graphics card family | Intel® HD Graphics | Intel TSX-NI version | 0.00 |
| On-board graphics card model * | Intel® HD Graphics 4400 | Intel Virtualization Technology (VT-x) | ✓ |
| On-board graphics card base frequency | 200 MHz | Intel Dual Display Capable Technology | ✗ |
| On-board graphics card dynamic frequency (max) | 1000 MHz | Intel FDI Technology | ✗ |
| Maximum on-board graphics card memory | 2 GB | Intel Rapid Storage Technology | ✓ |
| On-board graphics card DirectX version | 12 | Intel Fast Memory Access | ✗ |
| On-board graphics card ID | 0xA16 | Processor ARK ID | 81018 |
| Audio | | Conflict-Free processor | ✓ |
| Audio system | Dolby Advanced v2 | Battery | |
| Number of built-in speakers | 2 | Battery technology | Lithium-Ion (Li-Ion) |
| Built-in microphone | ✓ | Number of battery cells | 4 |
| Camera | | Battery capacity * | 32 Wh |
| Front camera | ✓ | Battery life (max) | 5 h |
| Front camera resolution | 1280 x 720 pixels | Power | |
| Network | | DC-in jack | ✓ |
| Wi-Fi | ✓ | Security | |
| Top Wi-Fi standard * | Wi-Fi 4 (802.11n) | Cable lock slot | ✗ |
| Wi-Fi standards | 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Weight & dimensions | |
| Ethernet LAN | ✓ | Width | 13.3" (336.6 mm) |
| Ethernet LAN data rates | 10,100 Mbit/s | Depth | 9.5" (241.2 mm) |
| Bluetooth | ✓ | Height (front) | 0.315" (8 mm) |
| Bluetooth version | 4.0 | Height (rear) | 0.827" (2.1 cm) |
| Ports & interfaces | | Weight * | 3.97 lbs (1.8 kg) |
| USB 2.0 ports quantity * | 2 | Packaging content | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 | AC adapter included * | ✓ |
| Ethernet LAN (RJ-45) ports | 1 | | |
| HDMI ports quantity * | 1 | | |
| DVI port | ✗ | | |
| S/PDIF out port | ✗ | | |

| Ports & interfaces | | Packaging content | |
|---------------------------------|--------------------|--|------------|
| Microphone in | ✗ | Manual | ✓ |
| Combo headphone/mic port | ✓ | Power cord included | ✓ |
| Docking connector | ✗ | Other features | |
| ExpressCard slot | ✗ | LightScribe | ✗ |
| CardBus PCMCIA slot type | ✗ | Maximum internal memory (64-bit) | 8 GB |
| SmartCard slot | ✗ | Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |
| Total number of SATA connectors | 4 | | |
| Number of SATA III connectors | 4 | | |
| Performance | | | |
| Motherboard chipset | Intel HM77 Express | | |
| Keyboard | | | |
| Pointing device | Touchpad | | |
| Numeric keypad * | ✗ | | |

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