



Lenovo Essential M30-70 Intel® Core™ i3 i3-4030U Laptop 33,8 cm (13.3") HD 4 GB DDR3L-SDRAM 508 GB Hybrid-HDD Wi-Fi 5 (802.11ac) Windows 8.1 Black, Silver

Brand : Lenovo

Product family: Essential

Article code: MCF4CSP

Product name : M30-70



Lenovo Essential M30-70. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4030U, Processor frequency: 1,9 GHz. Display diagonal: 33,8 cm (13.3"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 508 GB, Storage media: Hybrid-HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product color: Black, Silver

| Design | | Keyboard | |
|-------------------------------------|------------------------------------|--|-------------|
| Product type * | Laptop | Numeric keypad * | ✗ |
| Product color * | Black, Silver | Windows keys | ✓ |
| Form factor * | Clamshell | Software | |
| Market positioning | Business | Operating system architecture | 64-bit |
| Display | | Operating system installed * | Windows 8.1 |
| Display diagonal * | 33,8 cm (13.3") | Processor special features | |
| Display resolution * | 1366 x 768 pixels | Intel® Wireless Display (Intel® WiDi) | ✓ |
| Touchscreen * | ✗ | Intel® My WiFi Technology (Intel® MWT) | ✗ |
| HD type | HD | Intel Smart Connect Technology | ✓ |
| LED backlight | ✓ | Intel® Anti-Theft Technology (Intel® AT) | ✓ |
| Native aspect ratio | 16:9 | Intel® Rapid Start Technology | ✗ |
| Processor | | Intel® Smart Response Technology | ✗ |
| Processor manufacturer * | Intel | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Processor family * | Intel® Core™ i3 | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Processor generation | 4th gen Intel® Core™ i3 | Intel® Turbo Boost Technology | ✗ |
| Processor model * | i3-4030U | Intel® Matrix Storage Technology (Intel® MST) | ✗ |
| Processor cores | 2 | Intel® High Definition Audio (Intel® HD Audio) | ✓ |
| Processor threads | 4 | Intel® Active Management Technology (Intel® AMT) | ✗ |
| Processor frequency * | 1,9 GHz | Enhanced Intel SpeedStep Technology | ✓ |
| System bus rate | 5 GT/s | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Processor cache | 3 MB | Intel Clear Video Technology | ✗ |
| Processor cache type | Smart Cache | Intel® InTru™ 3D Technology | ✓ |
| Processor socket | BGA 1168 | Intel® Insider™ | ✓ |
| Processor lithography | 22 nm | Intel® Quick Sync Video Technology | ✓ |
| Processor operating modes | 64-bit | Intel Flex Memory Access | ✗ |
| Processor series | Intel® Core™ i3-4000 Mobile Series | Intel® Smart Cache | ✓ |
| 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 * | 4 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 4 GB | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Maximum internal memory * | 8 GB | Intel 64 | ✓ |
| Storage | | Execute Disable Bit | ✓ |
| Total storage capacity * | 508 GB | Idle States | ✓ |
| Storage media * | Hybrid-HDD | Thermal Monitoring Technologies | ✓ |
| HDD interface | SATA | Processor package size | 40 x 24 x 1.5 mm |
| HDD speed | 5400 RPM | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Hybrid-HDD cache type | Flash | Processor code | SR1EN |
| Hybrid-HDD capacity | 500 GB | CPU configuration (max) | 1 |
| Hybrid-HDD cache memory | 8 GB | 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 |
| Discrete graphics card model * | Not available | Intel ME Firmware Version | 9.5 |
| On-board graphics card * | ✓ | Intel TSX-NI version | 0,00 |
| Discrete graphics card * | ✗ | Intel Virtualization Technology (VT-x) | ✓ |
| On-board graphics card family | Intel® HD Graphics | Intel Dual Display Capable Technology | ✗ |
| On-board graphics card model * | Intel® HD Graphics 4400 | Intel FDI Technology | ✗ |
| On-board graphics card base frequency | 200 MHz | Intel Rapid Storage Technology | ✓ |
| On-board graphics card dynamic frequency (max) | 1000 MHz | Intel Fast Memory Access | ✗ |
| Maximum on-board graphics card memory | 2 GB | Processor ARK ID | 81018 |
| On-board graphics card DirectX version | 12 | Conflict-Free processor | ✓ |
| On-board graphics card ID | 0xA16 | Battery | |
| Audio | | Number of battery cells | 4 |
| Audio system | Dolby Advanced | Battery capacity | 2200 mAh |
| Number of built-in speakers | 2 | Battery life (max) | 5 h |
| Built-in microphone | ✓ | Power | |
| Camera | | DC-in jack | ✓ |
| Front camera | ✓ | Security | |
| Front camera resolution | 1280 x 720 pixels | Cable lock slot | ✗ |
| Network | | Weight & dimensions | |
| Wi-Fi | ✓ | Width | 330,8 mm |
| Top Wi-Fi standard * | Wi-Fi 5 (802.11ac) | Depth | 230,2 mm |
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Height (front) | 8 mm |
| Ethernet LAN | ✓ | Height (rear) | 2,2 cm |
| Ethernet LAN data rates | 10,100 Mbit/s | Weight * | 1,8 kg |
| Bluetooth | ✓ | Packaging content | |
| Bluetooth version | 4.0 | AC adapter included * | ✓ |
| Ports & interfaces | | Manual | ✓ |
| USB 2.0 ports quantity * | 2 | | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 | | |
| Ethernet LAN (RJ-45) ports | 1 | | |

| Ports & interfaces | | Packaging content | |
|---------------------------------|----------|----------------------------------|------|
| HDMI ports quantity * | 1 | Power cord included | ✓ |
| DVI port | ✗ | Other features | |
| S/PDIF out port | ✗ | LightScribe | ✗ |
| Microphone in | ✗ | Maximum internal memory (64-bit) | 8 GB |
| Combo headphone/mic port | ✓ | | |
| Docking connector | ✗ | | |
| ExpressCard slot | ✗ | | |
| CardBus PCMCIA slot type | ✗ | | |
| SmartCard slot | ✗ | | |
| Total number of SATA connectors | 4 | | |
| Number of SATA III connectors | 4 | | |
| Keyboard | | | |
| Pointing device | Touchpad | | |

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.