



## Lenovo ThinkPad L380 Intel® Core™ i5 i5-8250U Laptop 33.8 cm (13.3") HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Silver



**Brand :** Lenovo

**Product family:** ThinkPad

**Product code:** 20M5004EUS

**Product name :** ThinkPad L380

- Windows 10 Pro 64-bit
- Intel Core i5-8250U (6MB Cache, 1.6GHz)
- 33.8 cm (13.3") HD 1366 x 768 TN
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i5-8250U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 33.8 cm (13.3") HD 1366 x 768 TN, Intel UHD Graphics 620, WLAN, Webcam, Windows 10 Pro 64-bit

Lenovo ThinkPad L380. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1.6 GHz. Display diagonal: 33.8 cm (13.3"), HD type: HD, Display resolution: 1366 x 768 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 Pro. Product colour: Silver



| Design                          |                         | Ports & interfaces                                       |                   |
|---------------------------------|-------------------------|--|-------------------|
| Product type *                  | Laptop                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *        | 2                 |
| Product colour *                | Silver                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *        | 2                 |
| Form factor *                   | Clamshell               | HDMI ports quantity *                                    | 1                 |
| Market positioning              | Business                | HDMI version   | 1.4b              |
| Display                         |                         | Headphone outputs  | 1                 |
| Display diagonal *              | 33.8 cm (13.3")         | Microphone in  | ✗                 |
| Display resolution *            | 1366 x 768 pixels       | Combo headphone/mic port                                 | ✓                 |
| Touchscreen *                   | ✗                       | USB Sleep-and-Charge                                     | ✓                 |
| HD type                         | HD                      | USB Sleep-and-Charge ports                               | 1                 |
| Panel type                      | TN                      | Keyboard   |                   |
| LED backlight                   | ✓                       | Pointing device  | ThinkPad UltraNav |
| Native aspect ratio             | 16:9                    | Numeric keypad *   | ✗                 |
| Display brightness              | 250 cd/m²               | Spill-resistant keyboard                                 | ✓                 |
| Processor                       |                         | Software   |                   |
| Processor manufacturer *        | Intel                   | Operating system architecture                            | 64-bit            |
| Processor family *              | Intel® Core™ i5         | Operating system installed *                             | Windows 10 Pro    |
| Processor generation            | 8th gen Intel® Core™ i5 | Processor special features                               |                   |
| Processor model *               | i5-8250U                | Intel® My WiFi Technology (Intel® MWT)                   | ✓                 |
| Processor cores                 | 4                       | Intel® Smart Response Technology                         | ✓                 |
| Processor threads               | 8                       | Intel® Identity Protection Technology (Intel® IPT)       | ✓                 |
| Processor boost frequency       | 3.4 GHz                 | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓                 |
| Processor frequency *           | 1.6 GHz                 | Intel® Turbo Boost Technology                            | 2.0               |
| System bus rate                 | 4 GT/s                  | Enhanced Intel SpeedStep Technology                      | ✓                 |
| Processor cache                 | 6 MB                    | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✓                 |
| Processor cache type            | Smart Cache             | Intel Clear Video Technology                             | ✓                 |
| Processor socket                | BGA 1356                | Intel® InTru™ 3D Technology                              | ✓                 |
| Processor lithography           | 14 nm                   | Intel® Quick Sync Video Technology                       | ✓                 |
| Processor operating modes       | 64-bit                  | Intel Flex Memory Access                                 | ✓                 |
| Processor codename              | Kaby Lake R             | Intel® AES New Instructions (Intel® AES-NI)              | ✓                 |
| Bus type                        | OPI                     |  |                   |
| Stepping                        | Y0                      |  |                   |
| Thermal Design Power (TDP)      | 15 W                    |  |                   |
| Configurable TDP-up frequency   | 1.8 GHz                 |  |                   |
| Configurable TDP-up             | 25 W                    |  |                   |
| Configurable TDP-down           | 10 W                    |  |                   |
| Configurable TDP-down frequency | 0.8 GHz                 |  |                   |
| Tjunction                       | 100 °C                  |  |                   |

| Processor                                      |  | Processor special features  |                            |
|--|--|---|----------------------------|
| Maximum number of PCI Express lanes            | 12   | Intel Trusted Execution Technology  | ✗                          |
| PCI Express slots version                      | 3.0  | Intel Enhanced Halt State   | ✓                          |
| PCI Express configurations                     | 1x2+2x1, 1x4, 2x2, 4x1   | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                          |
| Memory   |  | Intel® Secure Key   | ✓                          |
| Internal memory *                              | 8 GB   | Intel TSX-NI  | ✗                          |
| Internal memory type                           | DDR4-SDRAM   | Intel Stable Image Platform Program (SIPP)                                    | ✗                          |
| Memory clock speed                             | 2400 MHz   | Intel® OS Guard   | ✓                          |
| Memory form factor                             | SO-DIMM  | Intel Software Guard Extensions (Intel SGX)                                   | ✓                          |
| Memory layout (slots x size)                   | 1 x 8 GB   | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                          |
| Memory slots                                   | 2x SO-DIMM   | Intel 64  | ✓                          |
| Maximum internal memory *                      | 32 GB  | Execute Disable Bit   | ✓                          |
| Storage  |  | Idle States   | ✓                          |
| Total storage capacity *                       | 256 GB   | Thermal Monitoring Technologies   | ✓                          |
| Storage media *                                | SSD  | Processor package size  | 42 X 24 mm                 |
| Total SSDs capacity                            | 256 GB   | Supported instruction sets  | AVX 2.0, SSE4.1, SSE4.2    |
| Number of SSDs installed                       | 1  | Processor code  | SR3LA                      |
| SSD capacity                                   | 256 GB   | CPU configuration (max)   | 1                          |
| SSD interface                                  | PCI Express  | Embedded options available  | ✗                          |
| SSD form factor                                | M.2  | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                          |
| Optical drive type *                           | ✗  | Intel Identity Protection Technology version                                  | 1.00                       |
| Card reader integrated                         | ✓  | Intel Smart Response Technology version                                       | 1.00                       |
| Compatible memory cards                        | MicroSD (TransFlash)   | Intel Stable Image Platform Program (SIPP) version                            | 0.00                       |
| Graphics                                       |  | Intel Secure Key Technology version   | 1.00                       |
| Discrete graphics card model *                 | Not available  | Intel TSX-NI version  | 0.00                       |
| On-board graphics card *                       | ✓  | Intel Virtualization Technology (VT-x)  | ✓                          |
| Discrete graphics card *                       | ✗  | Processor ARK ID  | 124967                     |
| On-board graphics card family                  | Intel® UHD Graphics  | Conflict-Free processor   | ✓                          |
| On-board graphics card model *                 | Intel® UHD Graphics 620  | Battery   |                            |
| On-board graphics card base frequency          | 300 MHz  | Battery technology  | Lithium-Ion (Li-Ion)       |
| On-board graphics card dynamic frequency (max) | 1100 MHz   | Battery capacity *  | 45 Wh                      |
| Maximum on-board graphics card memory          | 32 GB  | Battery life (max)  | 16.1 h                     |
| On-board graphics card DirectX version         | 12.0   | Power   |                            |
| On-board graphics card OpenGL version          | 4.4  | AC adapter frequency  | 50 - 60 Hz                 |
| On-board graphics card ID                      | 0x5917   | AC adapter input voltage  | 100 - 240 V                |
| Audio  |  | Security  |                            |
| Audio chip                                     | Realtek ALC3287  | Cable lock slot   | ✓                          |
| Audio system                                   | Dolby Audio  | Password protection   | ✓                          |
| Number of built-in speakers                    | 2  | Password protection type  | HDD, Power on, Supervisor  |
| Speaker power                                  | 2 W  | Certificates  |                            |
| Built-in microphone                            | ✓  | Compliance certificates   | RoHS                       |
| Camera   |  | Certification   | MIL-STD-810G TCG Certified |
| Front camera                                   | ✓  | Sustainability  |                            |
| Front camera HD type                           | HD   | Sustainability certificates   | ENERGY STAR                |
| Network  |  | Weight & dimensions   |                            |
| Top Wi-Fi standard *                           | Wi-Fi 5 (802.11ac)   | Width   | 321.8 mm                   |
| Wi-Fi standards                                | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Depth   | 224.2 mm                   |
| Mobile network connection *                    | ✗  | Height  | 18.8 mm                    |
| Antenna type                                   | 2x2  | Weight *  | 1.46 kg                    |
| WLAN controller model                          | Intel Dual Band Wireless-AC 8265                                 |   |                            |
| Ethernet LAN                                   | ✗  |   |                            |
| Bluetooth                                      | ✓  |   |                            |

**Network**

|      |               |
|------|---------------|
| WWAN | Not installed |
|------|---------------|

## Catalog Object Cloud



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