

## Lenovo ThinkPad L560 Intel® Core™ i5 i5-6300U Computadora portátil 39.6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 500 GB HDD Híbrido Windows 10 Pro Negro

Marca : Lenovo Familia de productos: Código del producto: ThinkPad 20F10020PB

Nombre del producto: L560

39.624 cm (15.6 ") LED FHD 1920 x 1080, Intel Core i5-6300U (2.4 GHz), 8GB DDR3L, Intel HD Graphics 520, 500GB SSHD, Gigabit Ethernet, WLAN, Windows 10 Pro 64

Lenovo ThinkPad L560. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-6300U, Frecuencia del procesador: 2.4 GHz. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles. Memoria interna: 8 GB, Tipo de memoria interna: DDR3L-SDRAM. Capacidad total de almacenaje: 500 GB, Unidad de almacenamiento: HDD Híbrido, Tipo de unidad óptica: DVD±RW. Sistema operativo instalado: Windows 10 Pro. Color del producto: Negro





| Design                                   |  | Keyboard   |                |
|--|--|--|----------------|
| Product type *                           | Laptop   | Numeric keypad *   | ✓              |
| Product colour *                         | Black  | Keyboard backlit   | ×              |
| Form factor *                            | Clamshell  | Spill-resistant keyboard                                 | ✓              |
| Housing material                         | Acrylonitrile butadiene styrene (ABS), Plastic, Polycarbonate (PC) | Windows keys   | ✓              |
| Market positioning                       | Business   | Software   |                |
| Display                                  |  | Operating system architecture                            | 64-bit         |
| Display diagonal *                       | 39.6 cm (15.6")  | Operating system installed *                             | Windows 10 Pro |
| Display resolution *                     | 1920 x 1080 pixels   | Processor special features                               |                |
| Touchscreen * HD type                    | pe Full HD<br>type IPS   | Intel® Wireless Display (Intel® WiDi)                    | ✓              |
| Panel type LED backlight                 |  | Intel® My WiFi Technology (Intel® MWT)                   | <b>✓</b>       |
| Native aspect ratio                      | 16:9   | Intel® Smart Response Technology                         | ✓              |
| Display surface                          |  | Intel® Identity Protection<br>Technology (Intel® IPT)    | ✓              |
| Screen shape<br>Contrast ratio (typical) | Flat<br>600:1  | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓              |
| Processor                                |  | Intel® Turbo Boost Technology                            | 2.0            |
| Processor manufacturer *                 | Intel<br>Intel® Core™ i5   | Intel® Small Business Advantage (Intel® SBA)             | <b>✓</b>       |
| Processor family * Processor generation  | oth gen Intel® Core™ i5  | Enhanced Intel SpeedStep<br>Technology                   | <b>✓</b>       |
| Processor model * Processor cores        | i5-6300U<br>2  | Intel® Clear Video HD Technology (Intel® CVT HD)         | <b>✓</b>       |
| Processor threads                        | 4  | Intel Clear Video Technology                             | ✓              |
| Processor boost frequency                | 3 GHz  | Intel® InTru™ 3D Technology                              | <b>✓</b>       |
| Processor frequency *                    | 2.4 GHz  | Intel® Insider™  | <b>✓</b>       |
| System bus rate                          | 4 GT/s   | Intel® Quick Sync Video Technology                       | /              |
| Processor cache                          | 3 MB   | Intel Flex Memory Access                                 | ·<br>•         |
| Processor cache type                     | Smart Cache  | ,  | •              |
| Processor socket                         | LGA 1356 (Socket B2)   | Intel® Smart Cache                                       | •              |
| Processor lithography                    | 14 nm  | Intel® AES New Instructions (Intel® AES-NI)              | ✓              |
| Processor operating modes                | 64-bit   | Intel Trusted Execution Technology                       | /              |
| Processor series                         | Intel® Core™ i5-6300 Mobile Series                                 | Intel Enhanced Halt State                                | ·              |
| Processor codename                       | Skylake  | inter Ellianceu Halt State                               | *              |

| Processor   |                        | Processor special features  |                           |
|---|------------------------|---|---------------------------|
| Bus type  | QPI                    | Intel VT-x with Extended Page<br>Tables (EPT)                                       | ✓                         |
| Stepping The sead Decision Decision (TDD)                 | D1                     | Intel® Secure Key   | <b>✓</b>                  |
| Thermal Design Power (TDP)  Configurable TDP-up frequency | 15 W<br>2.5 GHz        | Intel TSX-NI  | · ·                       |
| Configurable TDP-up                                       | 25 W                   | Intel Stable Image Platform Program   |                           |
| Configurable TDP-down                                     | 7.5 W                  | (SIPP)  |                           |
| Configurable TDP-down frequency                           | 0.8 GHz                | Intel® OS Guard   | ✓                         |
| Tjunction  Maximum number of PCI Express                  | 100 °C<br>12           | Intel Software Guard Extensions<br>(Intel SGX)                                      | ✓                         |
| lanes PCI Express slots version                           | 3.0                    | Intel® Clear Video Technology for<br>Mobile Internet Devices (Intel CVT<br>for MID) | <b>✓</b>                  |
| PCI Express configurations                                | 1x4, 4x1               | Intel 64  | ✓                         |
| ECC supported by processor                                | ×                      | Execute Disable Bit   | ✓                         |
| Memory  |                        | Idle States   | ✓                         |
| Internal memory *   | 8 GB                   | Thermal Monitoring Technologies   | <b>✓</b>                  |
| Internal memory type                                      | DDR3L-SDRAM            | Processor package size  | 42 X 24 mm                |
| Memory clock speed  | 1600 MHz               | Supported instruction sets  | SSE4.1, SSE4.2, AVX 2.0   |
| Memory form factor  | SO-DIMM                | Processor code  | SR2F0                     |
| Memory slots  | 2x SO-DIMM             | CPU configuration (max)   | 1                         |
| Maximum internal memory *                                 | 16 GB                  | Embedded options available  | ✓                         |
| Storage   |                        | Graphics & IMC lithography  | 14 nm                     |
| Total storage capacity * Storage media *                  | 500 GB<br>Hybrid-HDD   | Intel Virtualization Technology for Directed I/O (VT-d)                             | <b>✓</b>                  |
| HDD speed   | 5400 RPM               | Intel Identity Protection Technology version  | 1.00                      |
| Hybrid-HDD cache type Hybrid-HDD capacity                 | Flash<br>500 GB        | Intel Smart Response Technology version   | 1.00                      |
| Hybrid-HDD cache memory Optical drive type *              | 8 GB<br>DVD±RW         | Intel Stable Image Platform Program (SIPP) version                                  | 1.00                      |
| Card reader integrated                                    | ✓                      | Intel Secure Key Technology version   | 1.00                      |
| Compatible memory cards                                   | MMC, SD, SDHC, SDXC    | Intel Small Business Advantage (SBA) version  | 1.00                      |
| Graphics  |                        | Intel TSX-NI version  | 1.00                      |
| Discrete graphics card model *                            | Not available          | Intel Virtualization Technology (VT-  | <b>✓</b>                  |
| On-board graphics card *                                  | ✓                      | x)  | 00100                     |
| Discrete graphics card *                                  | ×                      | Processor ARK ID  | 88190                     |
| On-board graphics card family                             | Intel® HD Graphics     | Conflict-Free processor   | ✓                         |
| On-board graphics card model *                            | Intel® HD Graphics 520 | Battery   |                           |
| On-board graphics card base frequency                     | 300 MHz                | Battery technology  | Lithium-Ion (Li-Ion)      |
| On-board graphics card dynamic                            |                        | Number of battery cells   | 6                         |
| frequency (max)   | 1000 MHz               | Battery capacity *  | 48 Wh                     |
| Maximum on-board graphics card                            | 1.74 GB                | Battery life (max)  | 11.2 h                    |
| memory On-board graphics card DirectX                     | 12.0                   | Power   | 4F.W                      |
| version On-board graphics card OpenGL                     |                        | AC adapter power AC adapter frequency   | 45 W<br>50 - 60 Hz        |
| version   | 4.4<br>1916            | AC adapter input voltage  | 100 - 240 V               |
| On-board graphics card ID                                 | 1310                   | DC-in jack  | ✓                         |
| Audio   |                        | Security  |                           |
| Number of built-in speakers                               | 2                      | Cable lock slot   | ✓                         |
| Speaker power   | 1.5 W                  | Fingerprint reader  | ✓                         |
| Built-in microphone                                       | 1                      | Trusted Platform Module (TPM)   | ✓                         |
| Camera  |                        | Password protection   | ✓                         |
| Front camera  | ✓                      | Password protection type  | HDD, Power on, Supervisor |
| Front camera resolution                                   | 1280 x 720 pixels      | Certificates  |                           |
| Front camera signal format                                | 720p                   | Compliance certificates   | RoHS                      |
| Network   |                        | Sustainability  |                           |
| Wi-Fi   |                        | •   |                           |

| Network   |   | Weight & dimensions              |                             |
|---|---|----------------------------------|-----------------------------|
| Wi-Fi standards                                   | 802.11a, Wi-Fi 5 (802.11ac),<br>802.11b, 802.11g, Wi-Fi 4 (802.11n) | Width                            | 377 mm                      |
| Ethernet LAN                                      | 002.110, 002.11g, Wi-Fi 4 (002.11ii)  ✓                             | Depth                            | 255 mm                      |
|   |   | Height (front)                   | 2.76 cm                     |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s  | Height (rear)                    | 3.08 cm                     |
| Bluetooth   | <b>✓</b>  | Weight *                         | 2.38 kg                     |
| Bluetooth version                                 | 4.1   | Packaging content                |                             |
| Ports & interfaces                                |   | AC adapter included *            | ✓                           |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4   | Manual                           | ✓                           |
| Ethernet LAN (RJ-45) ports                        | 1   | Quick start guide                | ✓                           |
| Mini DisplayPorts quantity                        | 1   | Power cord included              | ✓                           |
| DVI port  | ×   | Other features                   |                             |
| VGA (D-Sub) ports quantity                        | 1   | LightScribe                      | X                           |
| Microphone in                                     | ×   | Maximum internal memory (64-bit) | 16 GB                       |
| Combo headphone/mic port                          | ✓   | Intel segment tagging            | Home office, Small Business |
| Docking connector                                 | ✓   |                                  |                             |
| ExpressCard slot                                  | ✓   |                                  |                             |
| SmartCard slot                                    | ✓   |                                  |                             |
| USB Sleep-and-Charge                              | ✓   |                                  |                             |
| USB Sleep-and-Charge ports                        | 1   |                                  |                             |
| Keyboard  |   |                                  |                             |
| Pointing device                                   | ThinkPad UltraNav   |                                  |                             |

