

ThinkPad L490 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | | | |
|------------------------------|--|-----------------|--------------|----------------|---------------------|--------------|----------------|------------------------|--|--|---|--|
| Processor | Intel® Celeron® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor | | | | | | | | | Dimensions | WxDxH: 13.19" x 9.25" x 0.89"; 335mm x 235mm x 22.5mm | |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Weight | Starting at 3.72 lb / 1.69 kg | | |
| | Cel 4305U | 2 | 2 | 2.2 GHz | - | 2MB | DDR4-2133 | Intel UHD Graphics 610 | Case color | Black | | |
| | i3-8145U | 2 | 4 | 2.1 GHz | 3.9 GHz | 4MB | DDR4-2400 | Intel UHD Graphics 620 | Case material | PC/ABS plastic | | |
| | i5-8265U | 4 | 8 | 1.6 GHz | 3.9 GHz | 6MB | | | Smart card reader Media reader Ports | <i>Optional:</i> Smart card reader MicroSD card reader Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter | | |
| | i5-8365U | 4 | 8 | 1.6 GHz | 4.1 GHz | 6MB | | | | | | |
| i7-8565U | 4 | 8 | 1.8 GHz | 4.6 GHz | 8MB | | | | | | | |
| i7-8665U | 4 | 8 | 1.9 GHz | 4.8 GHz | 8MB | | | | | | | |
| Graphics | Intel UHD Graphics 610 or 620 in processor only or Intel UHD Graphics 620 in processor and AMD Radeon 535, 2GB GDDR5 memory (discrete models are NOT available in EMEA); supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI) | | | | | | | | | Monitor cable (optional) | | |
| | | | | | | | | | | Bundled Accy | None | |
| Chipset | Intel SoC (System on Chip) platform | | | | | | | | | Camera (optional) | One of the following, configurable by model: | |
| Memory | 64GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets <i>* Installed memory is actually 2666MHz but run at 2133MHz or 2400MHz due to Intel limitation</i> | | | | | | | | | | | |
| Display | | | | | | | | | Audio support | HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack | | |
| | Size | Resolution | Type | Surface | Brightness | Aspect Ratio | Contrast Ratio | Color Gamut | | | | |
| | 14.0" | HD (1366x768) | TN | Anti-glare | 220 nits | 16:9 | 500:1 | 45% | 90° | | | |
| | 14.0" | FHD (1920x1080) | IPS | Anti-glare | 250 nits | 16:9 | 800:1 | 45% | 170° | | | |
| Multi-touch (opt) | On-cell touch, supports 10-finger gesture (FHD only) | | | | | | | | | | | |
| Storage | <ul style="list-style-type: none">• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™• SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 <i>* Installed M.2 2280 SSD is PCIe 3x4 but run at PCIe 3x2 due to M.2 SSD adapter limitation</i> | | | | | | | | | | | |
| Optane™ memory | <i>Optional:</i> Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2 | | | | | | | | | | | |
| Optical | None | | | | | | | | | | | |
| Ethernet | <i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville) | | | | | | | | | | | |
| WLAN + Bluetooth™ (optional) | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card (NOT available in EMEA)• Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0• Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 | | | | | | | | | | | |
| WWAN (optional) | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• Wireless WAN upgradable• Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only)• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i> | | | | | | | | | | | |
| SIM card | None | | | | | | | | | | | |

Note: The specifications above may not be available in all regions.

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