

ThinkPad L580 20LW000WSP

Product

ThinkPad L580

Region

WE

Country/Region

Spain

Machine Type

20LW

TopSeller

TopSeller

Processor

Intel Core i5-8250U (4C / 8T, 1.6 / 3.4GHz, 6MB)

Graphics

Integrated Intel UHD Graphics 620

Chipset

Intel SoC Platform

Memory

1x 8GB DIMM DDR4-2400

Display

15.6" FHD (1920x1080) IPS

Multi-touch

None

Storage

256GB SSD M.2 2280 PCIe NVMe Opal2

Optical

None

WLAN + Bluetooth

Intel 8265 11ac, 2x2 + BT4.1

WWAN

Fibocom L830-EB

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Color

Black

Camera

720p

Keyboard

Backlit, Spanish

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64

Bundled Software

None

Base Warranty

1-year, Depot

Bundled Service

None

End of Support

2023-02-06

Announce Date

2018-02-06

Recommended Services**Best**

5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36170)

Better

4Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36177)

Good

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36154)

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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ThinkPad L580 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Processor | Intel® Celeron® Processor, 7th Generation Intel Core™ i3 / i5 Processor or | | | | | | | | WWAN (optional) <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i> | |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | | |
| | Cel 3965U | 2 | 2 | 2.2 GHz | - | 2MB | DDR4-2133 | Intel HD Graphics 610 | | |
| | i3-7020U | | 4 | 2.3 GHz | - | 3MB | | Intel HD Graphics 620 | | |
| | i3-7130U | | | 2.7 GHz | - | 3MB | | | | |
| | i5-7200U | | | 2.5 GHz | 3.1 GHz | 3MB | | | | |
| | i5-7300U | | | 2.6 GHz | 3.5 GHz | 3MB | | | | |
| | 8th Generation Intel Core i3 / i5 / i7 Processor | | | | | | | | | SIM card (opt) <i>Nano-SIM card slot, optional Verizon LTE (US) SIM card</i> |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | | |
| | i3-8130U | 2 | 4 | 2.2 GHz | 3.4 GHz | 4MB | DDR4-2400 | Intel UHD Graphics 620 | | |
| i5-8250U | 4 | 8 | 1.6 GHz | 3.4 GHz | 6MB | | | | | |
| i5-8350U | | | 1.7 GHz | 3.6 GHz | 6MB | | | | | |
| i7-8550U | | | 1.8 GHz | 4.0 GHz | 8MB | | | | | |
| <i>* i3-7130U is NOT available in US and EMEA</i> | | | | | | | | | | |
| Graphics | Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor only or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon 530, 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@30Hz (HDMI) | | | | | | | | ExpressCard Smart card reader Media reader Ports | |
| | | | | | | | | | | |
| Chipset | Intel SoC (System on Chip) platform | | | | | | | | None | |
| Memory | 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets <i>* System clocks down for processors with lower memory controller</i> | | | | | | | | | |
| Display | <i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio | | | | | | | | <i>Optional:</i> Smart card reader | |
| | <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle | | | | | | | | | |
| Multi-touch | None | | | | | | | | MicroSD card reader | |
| Storage | <i>System has one HDD slot or one M.2 2280 slot exclusively for storage</i> | | | | | | | | Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1 (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> | |
| | <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ | | | | | | | | | |
| | <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) | | | | | | | | <i>HDMI to VGA:</i> Lenovo HDMI to VGA Monitor Adapter | |
| | <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s | | | | | | | | | |
| | <i>Some:</i> 128GB M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN | | | | | | | | <i>USB-C to VGA:</i> Lenovo USB-C to VGA Adapter | |
| | | | | | | | | | | |
| Optical | None | | | | | | | | Camera (optional) | |
| Ethernet | <i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) | | | | | | | | HD720p camera, fixed focus | |
| | <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 4.1, M.2 card (US only)Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card <i>* Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS</i> | | | | | | | | HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ / dual array microphone, headphone / microphone combo jack | |
| | | | | | | | | | | |
| | | | | | | | | | Keyboard UltraNav™ | |
| | | | | | | | | | | |
| | | | | | | | | | Security Security chip vPro (optional) Fingerprint reader | |
| | | | | | | | | | | |
| | | | | | | | | | Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology <i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology | |
| | | | | | | | | | | |
| | | | | | | | | | NFC (optional) Near Field Communication | |
| | | | | | | | | | | |
| | | | | | | | | | Battery | |
| | | | | | | | | | | |
| | | | | | | | | | Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter | |
| | | | | | | | | | | |
| | | | | | | | | | Max battery life | |
| | | | | | | | | | | |
| | | | | | | | | | <i>MobileMark® 2014: 12 hr</i> <i>* Battery life varies significantly with settings, usage, & other factors</i> | |
| | | | | | | | | | | |
| | | | | | | | | | AC adapter | |
| | | | | | | | | | | |
| | | | | | | | | | 45W or 65W USB Type-C AC adapter | |
| | | | | | | | | | | |
| | | | | | | | | | Operating system | |
| | | | | | | | | | | |
| | | | | | | | | | <i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64 | |
| | | | | | | | | | | |
| | | | | | | | | | Limited warranty | |
| | | | | | | | | | | |
| | | | | | | | | | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none">1-year depot repair service3-year/1-yr battery depot repair service3-year/1-yr battery limited onsite service | |
| | | | | | | | | | | |
| | | | | | | | | | Mil-Spec test | |
| | | | | | | | | | | |
| | | | | | | | | | MIL-STD-810G military testing | |
| | | | | | | | | | | |
| | | | | | | | | | Environment | |
| | | | | | | | | | | |
| | | | | | | | | | EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant | |
| | | | | | | | | | | |

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

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