## ThinkPad E550 Platform Specifications

### Processor

<table>
<thead>
<tr>
<th>Processor Number</th>
<th># of Cores</th>
<th># of Threads</th>
<th>Base Frequency</th>
<th>Max Turbo Frequency</th>
<th>Cache</th>
<th>Memory speed</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i3-4005U</td>
<td>2</td>
<td>4</td>
<td>1.7 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>HD4400</td>
</tr>
<tr>
<td>i3-5005U</td>
<td>2</td>
<td>4</td>
<td>2.0 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>HD5500</td>
</tr>
<tr>
<td>i3-515U</td>
<td>2</td>
<td>4</td>
<td>2.1 GHz</td>
<td>-</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>HD5500</td>
</tr>
<tr>
<td>i5-5200U</td>
<td>2</td>
<td>4</td>
<td>2.2 GHz</td>
<td>2.7 GHz</td>
<td>3MB</td>
<td>DDR3L-1600</td>
<td>HD5500</td>
</tr>
<tr>
<td>i3-5500U</td>
<td>2</td>
<td>4</td>
<td>2.4 GHz</td>
<td>3.0 GHz</td>
<td>4MB</td>
<td>DDR3L-1600</td>
<td>HD5500</td>
</tr>
</tbody>
</table>

### Graphics

- Intel HD Graphics in processor only, or AMD Radeon R7 M260 Graphics, 2GB DDR3 memory.
- External analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content).
- Supports dual independent display.
- Max resolution: 1920x1080 (HDMI) @ 60Hz.

### Chipset

- Intel SoC (System on Chip) platform.
- 16GB max² / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets.

### Display

- Some: 15.6” (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio.
- Some: 15.6” (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio.

### Multi-touch

- Some: supports 10-finger gesture.

### Storage

- Some: SSD / SATA 6.0Gb/s, 2.5” wide, 7mm high, removable, upgradable.
- Some: HDD / SATA 6.0Gb/s, 2.5” wide, removable.
- Hybrid drive with 8GB NAND flash memory.
- Some: Blank Bezel.

### Optical

- Some: DVD burner, 9.0mm high, removable.
- Some: Blank Bezel.

### M.2 SSD

- None.

### Ethernet

- Intel WGI218V Gigabit Ethernet Connection.

### Bluetooth™

- Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter.

### WLAN

One of the following, configurable by model:
- Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card.
- Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card.
- RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card.
- BCM434162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card.

### WWAN

- None.

### SIM card

- None.

### Smart Card Read

- None.

### ExpressCard

- None.

### Dimensions

- Weight: 6-cell: 5.21 lb (2.35kg).
- Weight: None Touch: 14.84” x 10.08” x 1.06”; 377mm x 256mm x 27mm.

### Case color

- Graphite Black.

### Case material

- PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic.

### Ports

- Two USB 3.0 (one Always On), one USB 2.0, Ethernet (RJ-45).
- External monitor (VGA DB-15, HDMI), Lenovo OneLink connector.

### Monitor cable

- None.

### Camera

- Some: 0.3-megapixel, fixed focus.
- Some: HD720p resolution, fixed focus.
- Some: 3D camera, Intel RealSense™ 3D Camera with MIC.
- HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio v4 / stereo speakers or JBL speakers, 2W x 2 / dual array microphone, combo audio / microphone jack.

### Audio support

- None.

### Keyboard

- 6-row, spill-resistant, multimedia Fn keys, numeric keypad.
- Some: HD720p resolution, fixed focus.
- Some: 3D camera, Intel RealSense™ 3D Camera with MIC.

### Security

- Power-on password, hard disk password, supervisor password, security keyhole.
- Some: Trusted Platform Module, TCG 1.2-compliant.

### Security chip

- None.

### Fingerprint reader

- Some: Fingerprint reader on the keyboard bezel, swipe sensor.
- None.

### Battery life

- 6-cell (48Wh): up to 9.0 hr.
- 6-cell (48Wh): up to 10.0 hr.

### Battery type

- Li-ion 6-cell (48Wh).

### AC adapter

- 45-watt AC adapter (Discrete Graphics).

### Preload

- Some: Lenovo Solution Center.
- Some: Lenovo SHAREIt.
- Some: ThinkVantage System Update.
- Some: Rescue and Recovery.

### Windows

- Some: Windows 7 Professional.
- Some: Windows 10 Pro 64.
- Some: Windows 10 Pro.

### Operating system

- Some: No operating system.
- Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64-bit.
- Some: Windows 8.1 64-bit.

### Active Protection System

- None.

### Environment

- EPEAT™ Gold; ENERGY STAR®; RoHS-compliant.

### Limited warranty

1-year - depot repair service / service upgrades available.

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