ThinkPad T490s 20NX000EGE

Product
ThinkPad T490s
Region
WE
Country
Germany
Machine Type
20NX
TopSeller
TopSeller
Processor
Core i7-8565U (4C, 1.8 / 4.6GHz, 8MB)
Graphics
Integrated Intel UHD Graphics 620
Chipset
Intel SoC Platform
Memory
16GB Soldered DDR4-2400
Display
14" FHD (1920x1080) Low Power IPS 400nits Anti-glare
Multi-touch
None
Storage
512GB SSD M.2 2280 PCIe NVMe Opal2
Optane Memory
None
Optical
None
WLAN + Bluetooth
Intel 9560 ac, 2x2 + BT5.0
WWAN
Fibocom L830-EB
Smart Card Reader
Smart Card Reader
Monitor Cable
None
Bundled Accessories
None
Color
Black
Case Material
CFRP Hybrid

Camera
IR 8720p
Keyboard
Backlit
Fingerprint Reader
Fingerprint Reader
NFC
None
TPM
dTPM 2.0
Battery
57Wh
Power Adapter
65W USB-C
System Management
None
Operating System
Windows 10 Pro 64
Warranty
3-year, Depot
End of Support
2025-04-19
Announce Date
2019-03-19

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 T490s 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>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>i5-8265U</td>
<td>4</td>
<td>8</td>
<td>1.6 GHz</td>
<td>3.9 GHz</td>
<td>8MB</td>
<td>Intel UHD Graphics 620</td>
</tr>
<tr>
<td>i7-8565U</td>
<td>4</td>
<td>8</td>
<td>1.6 GHz</td>
<td>4.6 GHz</td>
<td>8MB</td>
<td>Intel UHD Graphics 620</td>
</tr>
</tbody>
</table>

#### Graphics

- Intel UHD Graphics 620 in processor only;
- supports external digital monitor via HDMI or Thunderbolt;
- supports three independent displays;
- Max resolution: 4096x2304 @60Hz (Thunderbolt); 4096x2160 @24Hz (HDMI)

#### Chipset

- Intel SoC (System on Chip) platform
- 8GB, 16GB or 32GB / 2400MHz DDR4 / soldered to systemboard, no sockets
  
*Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation*

#### Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Type</th>
<th>Surface</th>
<th>Brightness</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Color Gamut</th>
<th>Viewing Angle</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.0&quot; FHD</td>
<td>1920x1080</td>
<td>IPS</td>
<td>Anti-glare</td>
<td>250 nits</td>
<td>16:9</td>
<td>700:1</td>
<td>45%</td>
<td>170°</td>
<td>On-cell touch, supports 10-finger gesture (FHD only)</td>
</tr>
<tr>
<td>14.0&quot; FHD</td>
<td>1920x1080 Low Power</td>
<td>IPS</td>
<td>Anti-glare</td>
<td>400 nits</td>
<td>16:9</td>
<td>800:1</td>
<td>72%</td>
<td>170°</td>
<td></td>
</tr>
<tr>
<td>14.0&quot; WQHD</td>
<td>2560x1440</td>
<td>IPS</td>
<td>Anti-glare</td>
<td>400 nits</td>
<td>16:9</td>
<td>1000:1</td>
<td>72%</td>
<td>170°</td>
<td></td>
</tr>
<tr>
<td>14.0&quot; WQHD</td>
<td>2560x1440 HDR</td>
<td>IPS</td>
<td>Glossy</td>
<td>500 nits</td>
<td>16:9</td>
<td>1500:1</td>
<td>100% Adobe</td>
<td>170°</td>
<td></td>
</tr>
</tbody>
</table>

#### Optical

- None

#### Storage

- M.2 2280 SSD / SATA 6.0Gb/s
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2

#### Ethernet

- Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2

#### WLAN (optional)

- Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0

#### WWAN (optional)

- 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

* For non-WWAN model, it means the model is NOT WWAN upgradable

#### Chipset

- Intel SoC (System on Chip) platform
- 8GB, 16GB or 32GB / 2400MHz DDR4 / soldered to systemboard, no sockets

*Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation*

#### Display

- 14.0" FHD (1920x1080) IPS Anti-glare 250 nits (non-touch) 300 nits (multi-touch) 16:9 700:1 45% 170°
- 14.0" FHD (1920x1080) IPS Anti-glare 400 nits 16:9 800:1 72% 170°
- 14.0" WQHD (2560x1440) IPS Glossy 500 nits 16:9 1500:1 100% Adobe 170°

#### Chipset

- Intel UHD Graphics 620
- Alloa 6th Generation Intel Core i5 / i7 Processor
- DDR4-2400

#### Graphics

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- supports external digital monitor via HDMI or Thunderbolt;
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### Note

The specifications above may not be available in all regions. Lenovo April 2019
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