

# ThinkPad E14 20RA001XIX

**Product**

ThinkPad E14

**Region**

WE

**Country/Region**

Italy

**Machine Type**

20RA

**TopSeller**

TopSeller

**Processor**

Intel Core i5-10210U (4C / 8T, 1.6 / 4.2GHz, 6MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

1x 8GB SO-DIMM DDR4-2666

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x4

**Optane Memory**

None

**Display**

14" FHD (1920x1080) IPS 250nits Anti-glare

**Touchscreen**

None

**Ethernet**

100/1000M

**Optical**

None

**WLAN + Bluetooth**

Intel AX201 11ax, 2x2 + BT5.0

**WWAN**

None

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Case Material**

Aluminum (Top), Aluminum (Bottom)

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Color**

Black

**Keyboard**

Backlit, Italian

**Fingerprint Reader**

Touch Style

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W USB-C

**System Management**

None

**Operating System**

Windows 10 Pro 64, WE (EN/FR/DE/NL/IT)

**Bundled Software**

None

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

0194552620202

**End of Support**

2025-11-01

**Announce Date**

2019-10-01

**Recommended Services****Best**

5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36181)

**Better**

4Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36121)

**Good**

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

**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 E14 Platform Specifications

Product Specifications Reference (PSREF)



|   |   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
|---|---|------------|--|----------------|---------------------|--------------|----------------|--------------------|-----------------------|--|--|---------------------------|-----------------|-------|------|---------------|------|--|--|
| Processor   | 10th Generation Intel® Core™ i3 / i5 / i7 Processor<br><i>* i7-10710U is NOT available in EMEA</i>  |            |  |                |                     |              |                |                    | Dimensions            | <i>Case Material</i>   |  | <i>Dimensions (WxDxH)</i> |                 |       |      |               |      |  |  |
|   | Processor Number  | # of Cores | # of Threads                           | Base Frequency | Max Turbo Frequency | Cache        | Memory Types   | Processor Graphics |                       | Aluminum   | 12.80" x 9.13" x 0.70"; 325mm x 232mm x 17.9mm |                           |                 |       |      |               |      |  |  |
|   | i3-10110U   | 2          | 4                                      | 2.1 GHz        | 4.1 GHz             | 4MB          | DDR4-2666      | Intel UHD Graphics |                       | PC/ABS   | 12.80" x 9.13" x 0.81"; 325mm x 232mm x 20.5mm |                           |                 |       |      |               |      |  |  |
|   | i5-10210U   | 4          | 8                                      | 1.6 GHz        | 4.2 GHz             | 6MB          |                |                    |                       | Aluminum Display cover + PC/ABS Bottom   | 12.80" x 9.13" x 0.74"; 325mm x 232mm x 18.9mm |                           |                 |       |      |               |      |  |  |
|   | i7-10510U   |            |  | 1.8 GHz        | 4.9 GHz             | 8MB          |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| i7-10710U   | 6   | 12         | 1.1 GHz                                | 4.7 GHz        | 12MB                |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Graphics  | Integrated Graphics   |            | Discrete Graphics (Memory)             |                |                     |              |                |                    | Weight                | <i>Case Material</i>   |  | <i>Weight</i>             |                 |       |      |               |      |  |  |
|   | Intel UHD Graphics  |            | -                                      |                |                     |              |                |                    |                       | Aluminum   | starting at 3.81 lb / 1.73 kg                  |                           |                 |       |      |               |      |  |  |
|   | Intel UHD Graphics  |            | AMD Radeon 625 (2GB GDDR5)             |                |                     |              |                |                    |                       | PC/ABS   | starting at 3.90 lb / 1.77 kg                  |                           |                 |       |      |               |      |  |  |
|   | Intel UHD Graphics  |            | AMD Radeon RX 640 Graphics (2GB GDDR5) |                |                     |              |                |                    |                       | Aluminum Display cover + PC/ABS Bottom   | starting at 3.74 lb / 1.69 kg                  |                           |                 |       |      |               |      |  |  |
| supports external digital monitor via HDMI or USB Type-C;<br>supports three independent displays;<br>Max resolution: 3840x2160@60Hz (USB Type-C); 3840x2160@30Hz (HDMI) |   |            |  |                |                     |              |                |                    |                       |  |  | Case color                | Black or silver |       |      |               |      |  |  |
| Chipset   | Intel SoC (System on Chip) platform   |            |  |                |                     |              |                |                    | Smart card reader     | None   |  |                           |                 |       |      |               |      |  |  |
| Memory  | 16GB max / 2666MHz DDR4, one DDR4 SO-DIMM socket  |            |  |                |                     |              |                |                    | Media reader          | None   |  |                           |                 |       |      |               |      |  |  |
| Display   | Size  | Resolution | Type                                   | Surface        | Brightness          | Aspect Ratio | Contrast Ratio | Viewing Angle      | Ports                 | One USB 2.0, 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), HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole<br><i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> |  |                           |                 |       |      |               |      |  |  |
|   |   |            |  |                |                     |              |                |                    | 14.0" FHD (1920x1080) | TN   | Anti-glare                                     | 220 nits                  | 16:9            | 400:1 | 90°  | Monitor cable | None |  |  |
|   |   |            |  |                |                     |              |                |                    | 14.0" FHD (1920x1080) | IPS  | Anti-glare                                     | 250 nits                  | 16:9            | 700:1 | 170° | Bundled Accy  | None |  |  |
| Multi-touch   | None  |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Storage   | <i>Up to two drives (one M.2 SSD and one HDD)</i>   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
|   | <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™</li> <li>M.2 2280 SSD / SATA 6.0Gb/s</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 or PCIe 3.0 x 4</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> </ul> |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Optane™ memory (optional)   | Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2  |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Optical   | Intel Optane™ Memory integrated with SSD, PCIe NVMe 3.0 x 4   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Ethernet  | Gigabit Ethernet Connection, Realtek R8111GUS   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| WLAN + Bluetooth™   | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>Realtek® RTL8822CE, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card</li> <li>Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card</li> <li>Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card</li> </ul>                                   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| WWAN SIM card   | None  |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Camera  | <ul style="list-style-type: none"> <li>HD720p camera, fixed focus</li> <li>HD720p camera with ThinkShutter camera privacy, fixed focus</li> </ul>   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Audio support   | HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Keyboard UltraNav™  | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint™ pointing device and buttonless Mylar surface multi-touch touchpad  |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Security Security chip  | Power-on password, hard disk password, supervisor password, security keyhole<br><i>Integrated model:</i> discrete TPM 2.0, TCG Certified<br><i>Discrete model:</i> firmware TPM 2.0 integrated in chipset   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| System Mgt Fingerprint reader NFC   | None<br><i>Optional:</i> Touch style fingerprint reader on power button<br>None   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| 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:</i> 12.8 hr<br><i>* Battery life varies significantly with settings, usage, &amp; other factors</i>  |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| AC adapter  | 45W or 65W USB-C AC adapter   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Operating system (optional)   | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> <li>Windows 10 Pro in S mode</li> <li>No OS</li> </ul>   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Limited warranty (optional)   | <ul style="list-style-type: none"> <li>1-year mail-in repair service</li> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>1-year limited onsite service</li> </ul>   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Mil-Spec test   | MIL-STD-810G military testing   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |
| Environment   | EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant   |            |  |                |                     |              |                |                    |                       |  |  |                           |                 |       |      |               |      |  |  |

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

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