

# ThinkPad E15 20RD001AGE

**Product**

ThinkPad E15

**Region**

WE

**Country/Region**

Germany

**Machine Type**

20RD

**TopSeller**

TopSeller

**Processor**

Intel Core i7-10510U (4C / 8T, 1.8 / 4.9GHz, 8MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

1x 16GB DIMM DDR4-2666

**Display**

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

**Multi-touch**

None

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x4 + 1TB HDD 5400rpm 2.5"

**Optane Memory**

None

**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

**Color**

Black

**Case Material**

Aluminum

**Camera**

720p with ThinkShutter

**Keyboard**

Backlit, German

**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, German

**Bundled Software**

None

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**End of Support**

2025-12-05

**Announce Date**

2019-11-05

**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 E15 Platform Specifications

Product Specifications Reference (PSREF)



Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	<i>WxDxH:</i> 14.49" x 9.65" x 0.74"; 368mm x 245mm x 18.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 4.3 lb / 1.9 kg
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	Intel UHD Graphics	Case color	Black or silver
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB			Case material	<i>Display cover:</i> Aluminum; <i>Bottom:</i> PC/ABS plastic
	i7-10510U			1.8 GHz	4.9 GHz	8MB			Smart card reader	None
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB	Media reader			None	
Graphics	Intel UHD Graphics in processor only or Intel UHD Graphics in processor and AMD Radeon RX 640 Graphics, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 3840x2160@60Hz (USB Type-C); 3840x2160@30Hz (HDMI)								Ports	One USB 2.0, two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Chipset	Intel SoC (System on Chip) platform								Monitor cable
Memory	16GB max / 2666MHz DDR4, one DDR4 SO-DIMM socket								Bundled Accy	None
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Camera	HD720p camera with optional ThinkShutter camera privacy, fixed focus
	15.6" FHD (1920x1080)		TN	Anti-glare	220 nits	16:9	400:1	90°	Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack
	15.6" FHD (1920x1080)		IPS	Anti-glare	250 nits	16:9	700:1	170°	Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight
Multi-touch	None								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Storage	<i>Up to two drives (one M.2 SSD and one HDD)</i>								Security	Power-on password, hard disk password, supervisor password, security keyhole
	<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>								Security chip	<i>Integrated model:</i> discrete TPM 2.0, TCG Certified <i>Discrete model:</i> firmware TPM 2.0 integrated in chipset
									System Mgt	None
Optical	None								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button
	Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								NFC
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i>								Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
WWAN SIM card	<ul style="list-style-type: none"> <li>Realtek® RTL8822CE, 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>								Max battery life	<i>MobileMark® 2014:</i> 12.2 hr <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>
									AC adapter	45W or 65W USB Type-C AC adapter
								Operating system (optional)	<i>One of the following, configurable by model:</i>	
								Limited warranty (optional)	<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> <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> </ul>	
								Mil-Spec test	MIL-STD-810G military testing (by the end of Jan. 2020)	
								Environment	EPPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant	

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

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