

# ThinkPad E14 20RA001MGE

**Product**

ThinkPad E14

**Region**

WE

**Country/Region**

Germany

**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 16GB DIMM DDR4-2666

**Storage**

512GB SSD M.2 2242 PCIe NVMe 3.0x4

**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, 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

**EAN / UPC**

0193638957966

**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								Dimensions	Case Material		Dimensions (WxDxH)	
	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	Case Material		Weight	
	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; supports three independent displays; 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 <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								Camera	HD720p camera with optional ThinkShutter camera privacy, fixed focus			
Storage	Up to two drives (one M.2 SSD and one HDD)								Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack			
	<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>								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight			
Optical	None								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad			
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Security chip	Power-on password, hard disk password, supervisor password, security keyhole <i>Integrated model:</i> discrete TPM 2.0, TCG Certified <i>Discrete model:</i> firmware TPM 2.0 integrated in chipset			
WLAN + Bluetooth™	One of the following, configurable by model: <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>								System Mgt	None			
WWAN	None								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button			
SIM card	None								NFC	None			
Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter								Max battery life	MobileMark® 2014: 12.8 hr <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>			
	None								AC adapter	45W or 65W USB Type-C AC adapter			
	One of the following, configurable by model: <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>								Operating system (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>								Limited warranty (optional)				
	MIL-STD-810G military testing (by the end of Dec. 2019)								Mil-Spec test				
Environment	EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant												

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

Lenovo  
December 2019

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