

# ThinkPad E14 20RA0051US

**Product**

ThinkPad E14

**Region**

NA

**Country/Region**

USA

**Machine Type**

20RA

**TopSeller**

TopSeller

**Processor**

Intel Core i3-10110U (2C / 4T, 2.1 / 4.1GHz, 4MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

1x 4GB DIMM DDR4-2666

**Storage**

500GB HDD 7200rpm 2.5"

**Display**

14" FHD (1920x1080) TN 220nits Anti-glare

**Multi-touch**

None

**Ethernet**

100/1000M

**Optical**

None

**WLAN + Bluetooth**

RTL8822CE 11ac, 2x2 + BT5.0

**WWAN**

None

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Case Material**

PC / ABS (Top), PC / ABS (Bottom)

**Camera**

720p without ThinkShutter

**Microphone**

2x, Array

**Color**

Black

**Keyboard**

Non-backlit, English

**Fingerprint Reader**

None

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W USB-C

**System Management**

None

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC**

194632394467

**End of Support**

2025-12-08

**Announce Date**

2019-11-08

**Recommended Services****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.

**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

<https://www.calrecycle.ca.gov/Electronics/Consumer>

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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	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)								Weight	Case Material		Weight	
										Aluminum	starting at 3.81 lb / 1.73 kg		
Chipset Memory	Intel SoC (System on Chip) platform 16GB max / 2666MHz DDR4, one DDR4 SO-DIMM socket								Case color Case material	PC/ABS		starting at 3.90 lb / 1.77 kg	
										Aluminum Display cover + PC/ABS Bottom	starting at 3.74 lb / 1.69 kg		
Display									Smart card reader	None			
	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle		Media reader	None		
Multi-touch	None								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 * Depending on many factors, actual data transfer speed may be lower than theoretical speed			
										Monitor cable	None		
Storage	Up to two drives (one M.2 SSD and one HDD) • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ • M.2 2280 SSD / SATA 6.0Gb/s • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 or PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4								Camera	HD720p camera with optional ThinkShutter camera privacy, fixed focus			
										Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack		
Optical	None								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight			
Ethernet	Gigabit Ethernet Connection, Realtek R811GUS								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad			
WLAN + Bluetooth™	One of the following, configurable by model: • Realtek® RTL8822CE, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card • Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card • Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card								Security chip	Power-on password, hard disk password, supervisor password, security keyhole Integrated model: discrete TPM 2.0, TCG Certified Discrete model: firmware TPM 2.0 integrated in chipset			
										System Mgt	None		
WWAN	None								Fingerprint reader	Optional: 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 * Battery life varies significantly with settings, usage, & other factors				
AC adapter									45W or 65W USB Type-C AC adapter				
Operating system (optional)									One of the following, configurable by model: • Windows® 10 Home 64 • Windows 10 Pro 64 • Windows 10 Pro in S mode • No OS				
Limited warranty (optional)									• 1-year mail-in repair service • 1-year depot repair service • 1-year depot with 2-year system board repair service • 1-year limited onsite service				
Mil-Spec test									MIL-STD-810G military testing (by the end of Dec. 2019)				
Environment									EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant				

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

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