ThinkPad E15 20RD0016BM

Product
ThinkPad E15

Region
EET

Country/Region
Bulgaria

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 SO-DIMM DDR4-2666

Storage
512GB SSD M.2 2242 PCIe NVMe 3.0x4

Optane Memory
None

Display
15.6" 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), PC / ABS (Bottom)

Camera
720p with ThinkShutter

Microphone
2x, Array

Color
Black

Keyboard
Backlit, Bulgarian

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, English

Bundled Software
None

Base Warranty
1-year, Depot

Bundled Service
None

EAN / UPC / JAN
0194552764432

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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PSREF **https://psref.lenovo.com**
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intel inside

ThinkPad E15 Platform Specifications

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor

* i7-10710U is NOT available in EMEA

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB		
i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics
i7-10510U	4	8	1.8 GHz	4.9 GHz	8MB		
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB		

Graphics

Integrated Graphics	Discrete Graphics (Memory)
Intel UHD Graphics	-
Intel UHD Graphics	AMD Radeon 625 (2GB GDDR5)
Intel UHD Graphics	AMD Radeon RX 640 Graphics (2GB GDDR5)

supports external digital monitor via HDMI or USB Type-C;
supports three independent displays;
Max resolution: 3840x2160@60Hz (USB Type-C); 3840x2160@30Hz (HDMI)

Chipset Intel SoC (System on Chip) platform
Memory 16GB max / 2666MHz DDR4, one DDR4 SO-DIMM socket

Display

Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle
15.6"	FHD (1920x1080)	TN	Anti-glare	220 nits	16:9	400:1	90°
15.6"	FHD (1920x1080)	IPS	Anti-glare	250 nits	16:9	700:1	170°

Multi-touch 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

Optane™ memory • Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2
(optional) • Intel Optane™ Memory integrated with SSD, PCIe NVMe 3.0 x 4
Optical None

Ethernet Gigabit Ethernet Connection, Realtek R8111GUS

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

WWAN None
SIM card None

Dimensions *WxDxH:*   14.49" x 9.65" x 0.74";   368mm x 245mm x 18.9mm
Weight Starting at 4.3 lb / 1.9 kg
Case color Black or silver
Case material *Display cover:* Aluminum;
   Bottom: PC/ABS plastic

Smart card reader None
Media reader 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
Bundled Accy None

Camera • HD720p camera, fixed focus
• HD720p camera with 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

Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight
UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip *Integrated model:* discrete TPM 2.0, TCG Certified
Discrete model: firmware TPM 2.0 integrated in chipset

System Mgt None
Fingerprint reader *Optional:* Touch style fingerprint reader on power button
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:* 12.2 hr
   * Battery life varies significantly with settings, usage, & other factors
AC adapter 45W or 65W USB-C AC adapter

Operating system • Windows® 10 Home 64
(optional) • Windows 10 Pro 64
• Windows 10 Pro in S mode

Limited warranty • 1-year mail-in repair service
(optional) • 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
Environment EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant

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

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