

ThinkPad E15 Gen 2 (Intel) 20TD002MGE

Product

ThinkPad E15 Gen 2 (Intel)

Region

WE

Country/Region

Germany

Machine Type

20TD

TopSeller

TopSeller

Processor

Intel Core i7-1165G7 (4C / 8T, 2.8 / 4.7GHz, 12MB)

Graphics

NVIDIA GeForce MX450 2GB GDDR5

Chipset

Intel SoC Platform

Memory

16GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe 3.0x4 NVMe

Display

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

Touchscreen

None

Ethernet

100/1000M

Optical

None

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

WWAN

None

SIM Card

None

Smart Card Reader

None

Monitor Cable

None

Bundled Accessories

None

Case Material

Aluminium (Top), PC / ABS (Bottom)

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, German

Fingerprint Reader

Touch Style

NFC

None

TPM

FW 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 / JAN

0195348382694

End of Support

2027-06-10

Announce Date

2020-11-10

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 Gen 2 (Intel) Platform Specifications

Product Specifications Reference (PSREF)



Processor	11th Generation Intel® Core™ i3 / i5 / i7 Processor										Smart card reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	None	Ports	One Thunderbolt 4 / USB4 40Gbps (with the function of PD 3.0 and DP 1.4), one USB 3.2 Gen 1 (Always On), one USB 2.0, 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>	
	i3-1115G4	2	4	3.0 GHz	4.1 GHz	6MB	DDR4-3200	Intel UHD Graphics	Monitor cable	None			
	i5-1135G7	4	8	2.4 GHz	4.2 GHz	8MB		Intel Iris® Xe Graphics		Bundled Accy			<i>optional</i> : ThinkPad Integrated Earbuds
i7-1165G7	2.8 GHz			4.7 GHz	12MB								
Graphics	Integrated Graphics		Discrete Graphics (Memory)								Camera	<i>One of the following, configurable by model:</i> • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus	
	Intel UHD Graphics		-								Audio support	HD Audio, Realtek ALC3287 codec, HARMAN speakers, 2W x 2, Dolby Audio™, dual array microphone, headphone / microphone combo jack, optional ThinkPad Integrated Earbuds	
	Intel Iris Xe Graphics		NVIDIA® GeForce® MX350 (2GB GDDR5)										
	Intel Iris Xe Graphics		NVIDIA GeForce MX450 (2GB GDDR5)										
Supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 4096x2160@30Hz) or Thunderbolt™ (up to 5120x3200@60Hz)											Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
Chipset	Intel SoC (System on Chip) platform										UltraNav™	Power-on password, hard disk password, supervisor password, security keyhole	
Memory	32GB max / 3200MHz DDR4, one DDR4 SO-DIMM slot										Security chip	• Discrete TPM 2.0, TCG Certified • Firmware TPM 2.0 integrated in chipset	
Display	Size	Resolution	Surface	Touch	Type	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	System Mgt	None	
	15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°	Fingerprint reader	<i>Optional</i> : Touch style fingerprint reader on power button	
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	800:1	45% NTSC	170°	NFC	None	
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°	Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
	15.6"	FHD (1920x1080)	Anti-glare	Multi-touch	IPS	300 nits	16:9	800:1	45% NTSC	170°	Max battery life	<i>MobileMark® 2014</i> : 10.8 hr <i>MobileMark 2018</i> : 8.2 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
Multi-touch(<i>opt</i>)	Capacitive-type on-cell multi-touch, supports 10 fingers gesture										AC adapter	65W USB-C AC adapter	
Storage	Up to two drives, M.2 2280 SSD slot supports PCIe 4.0 x 4 • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4										Operating system	• Windows® 10 Home 64 <i>(optional)</i> • Windows 10 Pro 64	
Optical	None										Limited warranty (<i>optional</i>)	• 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	
Ethernet	Gigabit Ethernet Connection, Realtek RTL8111H										Mil-Spec test	MIL-STD-810H military testing	
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> • Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.1, M.2 card • Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card <i>* Intel WiFi 6 full features might be limited by country level restrictions</i> <i>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>										Environment	EPEAT™ Gold; ENERGY STAR® 8.0; ErP lot3; TCO Certified; RoHS-compliant; TUV Low Blue Light certified	
WWAN SIM card	None												
Dimensions	WxDxH: 14.37" x 9.45" x 0.74"; 365mm x 240mm x 18.9mm												
Weight	Starting at 3.75 lb / 1.7 kg												
Case color	Black or mineral metallic												
Case material	Display cover: Aluminium; Bottom: PC/ABS plastic												

The specifications above may not be available in all regions and might change by regions.

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