

ThinkPad E14 Gen 2 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics								Smart card readerNone Media readerNone PortsOne USB 2.0, one USB 3.2 Gen 1 (Always On), one USB 3.2 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 cableNone Bundled AccyNone CameraOne of the following, configurable by model: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus Audio supportHD Audio, Realtek ALC3287 codec / stereo HARMAN-branded speakers, 2W x 2, Dolby Audio® / dual array microphone, headphone / microphone combo jack Keyboard6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight UltraNav™TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad SecurityPower-on password, hard disk password, supervisor password, security keyhole Security chipDiscrete TPM 2.0, TCG Certified • Firmware TPM 2.0 integrated in chipset System MgtNone Fingerprint readerOptional: Touch style fingerprint reader on power button NFCNone BatteryIntegrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter Max battery lifeMobileMark® 2014: 13 hrs * Battery life varies significantly with hardware configurations, settings, usage, & other factors AC adapter65W USB-C AC adapter Operating system (optional)• Windows® 10 Home 64 • Windows 10 Pro 64 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 testMIL-STD-810G military testing EnvironmentEPEAT™ Silver; ENERGY STAR® 8.0; ErP lot3; TCO Certified; RoHS-compliant
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Types	Processor Graphics	
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon Graphics	
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3			
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB L2 / 8MB L3			
Ryzen 7 4800U	8	16	1.8 GHz	4.2 GHz					
Graphics	AMD Radeon Graphics in processor; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 3840x2160@30Hz) or USB Type-C (up to 3840x2160@60Hz)								
Chipset	AMD SoC (System on Chip) platform								
Memory	20GB or 24GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket								
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	
	14.0"	FHD (1920x1080)	TN	Anti-glare	220 nits	16:9	400:1	90°	
	14.0"	FHD (1920x1080)	IPS	Anti-glare	250 nits	16:9	700:1	170°	
Multi-touch	None								
Storage	Up to two drives • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 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 Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card								
WWAN	None								
SIM card	None								
Dimensions	Case Material		Dimensions (WxDxH)						
	Aluminum		12.76" x 8.66" x 0.70"; 324mm x 220mm x 17.9mm						
	PC/ABS		12.76" x 8.66" x 0.81"; 324mm x 220mm x 20.5mm						
	Aluminum (top) + PC/ABS (bottom)		12.76" x 8.66" x 0.74"; 324mm x 220mm x 18.9mm						
Weight	Case Material		Weight						
	Aluminum		starting at 3.62 lb / 1.64 kg						
	PC/ABS		starting at 3.73 lb / 1.69 kg						
	Aluminum (top) + PC/ABS (bottom)		starting at 3.51 lb / 1.59 kg						
Case color	Black Display cover: Aluminum or PC/ABS plastic; Bottom: Aluminum or PC/ABS plastic								

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

Lenovo
June 2020