

ThinkPad E14 Gen 2 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics (Ryzen 7 4800U is NOT available in EMEA)								Smart card reader	None
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Types	Processor Graphics	Media reader	None
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon Graphics	Ports	One 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 1.2), 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>
	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	4MB L2 / 8MB L3				
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)								Monitor cable	None
Chipset	AMD SoC (System on Chip) platform								Bundled Accy	None
Memory	20GB or 24GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket								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
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Audio support	HD Audio, Realtek ALC3287 codec / stereo HARMAN-branded speakers, 2W x 2, Dolby Audio® / dual array microphone, headphone / microphone combo jack
	14.0"	FHD (1920x1080)	TN	Anti-glare	220 nits	16:9	400:1	90°	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight
	14.0"	FHD (1920x1080)	WVA	Anti-glare	250 nits	16:9	700:1	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password, security keyhole
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								Security chip	• Discrete TPM 2.0, TCG Certified • Firmware TPM 2.0 integrated in chipset
Optical	None								System Mgt	None
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> • Realtek® RTL8822CE, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card • Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card <i>(Realtek RTL8822CE is NOT available in EMEA)</i> <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>								NFC	None
WWAN	None								Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
SIM card	None								Max battery life	<i>MobileMark® 2014:</i> 13 hrs <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Dimensions	<i>Case Material</i>		<i>Dimensions (WxDxH)</i>						AC adapter	65W USB-C AC adapter
	Aluminum		12.76" x 8.66" x 0.70"; 324mm x 220mm x 17.9mm						Operating system	• Windows® 10 Home 64 <i>(optional)</i> • Windows 10 Pro 64
	PC/ABS		12.76" x 8.66" x 0.81"; 324mm x 220mm x 20.5mm						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
	Aluminum (top) + PC/ABS (bottom)		12.76" x 8.66" x 0.74"; 324mm x 220mm x 18.9mm						Mil-Spec test	MIL-STD-810G military testing
Weight	<i>Case Material</i>		<i>Weight</i>						Environment	EPPEAT™ Gold; ENERGY STAR® 8.0; ErP lot3; TCO Certified; RoHS-compliant
	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 <i>Display cover:</i> Aluminum or PC/ABS plastic; <i>Bottom:</i> Aluminum or PC/ABS plastic									

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