ThinkPad E470 Platform Specifications

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Controller	Processor Graphics
	i3-6100U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
	i5-6200U			2.3 GHz	2.8 GHz	3MB		
	i7-6500U			2.5 GHz	3.1 GHz	4MB		
	i3-7100U			2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
	i5-7200U			2.5 GHz	3.1 GHz	3MB		
	i7-7500U			2.7 GHz	3.5 GHz	4MB		

Graphics	Intel HD Graphics in processor only, or NVidia GeForce 920MX Graphics, 2GB DDR3 memory, or NVidia GeForce 940MX Graphics, 2GB DDR3 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI)@60Hz
Memory	32GB max / 2133MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets * System clocks down for processors with lower memory controller
Display	Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio
Multi-touch	None
Storage	*Some:* SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™
M.2 SSD	None
Optical	None
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS
WLAN Bluetooth™	*One of the following, configurable by model:* • Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card • QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter
WWAN	None
SIM card	None
Smart Card Reader	None
ExpressCard	None
Dock	None
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack
Monitor cable	None

Dimensions	*Aluminum (WxDxH):* 13.35" x 9.53" x 0.88"; 339mm x 242mm x 22.4mm *PC/ABS (WxDxH):* 13.35" x 9.53" x 0.93"; 339mm x 242mm x 23.7mm
Weight	From 4.12 lb (1.87kg)
Case color	Black, Silver, Gold (in EMEA only black color available)
Case material	*Aluminum:* Aluminum display cover *PC/ABS:* PolyCarbonate/Acrylonitrile-Butadiene-Styrene display cover
Camera	*Some:* HD720p resolution, fixed focus
Audio support	HD Audio, Conexant® CX11852 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack
Keyboard	6-row, spill-resistant, multimedia Fn keys
UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad
ThinkLight™	None
Fingerprint reader	*Some:* Fingerprint reader on the keyboard bezel, swipe sensor
NFC	None
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	*fTPM2.0:* Firmware TPM 2.0, integrated in chipset *dTPM2.0:* Discrete TPM 2.0, TCG Certified
vPro	No
Battery type	Li-Polymer 3-cell (45Wh)
Battery life	3-cell (45Wh): up to 8.4 hr
AC adapter	*Some:* 45-watt AC adapter *Some:* 65-watt AC adapter *Some:* 90-watt AC adapter
Preload	*Some:* Windows 10 Pro 64 *Some:* No operating system *Some:* Windows 10 Home 64 • Lenovo Companion • Lenovo Settings • Microsoft Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)
Limited warranty	**1-year** - depot repair service / service upgrades available
Mil-Spec test	None
Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant