

ThinkPad E550 Platform Specifications

Product Specifications Reference (PSREF)

Processor	4th or 5th Generation Intel® Core™ i3 / i5 / i7 Processor								Multicard Reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics		Two USB 3.0 (one Always On), one USB 2.0, Ethernet (RJ-45), external monitor (VGA DB-15, HDMI), Lenovo OneLink connector	
	i3-4005U	2	4	1.7 GHz	-	3MB	DDR3L-1600	HD4400		None	
	i3-5005U	2	4	2.0 GHz	-	3MB		HD5500		Camera	
	i3-5015U	2	4	2.1 GHz		3MB		HD5500		<i>Some:</i> 0.3-megapixel, fixed focus <i>Some:</i> HD720p resolution, fixed focus	
	i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500		<i>Some:</i> 3D camera, Intel RealSense™ 3D Camera with MIC	
	i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB		HD5500		HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio™ v4 / stereo speakers or JBL speakers, 2W x 2 / dual array microphone, combo audio / microphone jack	
Graphics	Intel HD Graphics in processor only, or AMD Radeon R7 M260 Graphics, 2GB DDR3 memory, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display Max resolution: 1920x1080 (HDMI) @60Hz								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad	
Chipset	Intel SoC (System on Chip) platform								UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad	
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								ThinkLight™	None	
Display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								Security	Power-on password, hard disk password, supervisor password, security keyhole	
Multi-touch	Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								Security chip	<i>Some:</i> Trusted Platform Module, TCG 1.2-compliant	
	<i>Some:</i> supports 10-finger gesture								vPro	None	
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable								Fingerprint reader	<i>Some:</i> Fingerprint reader on the keyboard bezel, swipe sensor	
Optical	<i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™								NFC	None	
	<i>Some:</i> Hybrid drive with 8GB NAND flash memory								Battery type	Li-Ion 6-cell (48Wh)	
M.2 SSD	<i>Some:</i> DVD burner, 9.0mm high, removable								Battery life	6-cell (48Wh): up to 9.0 hr	
Ethernet	<i>Some:</i> Blank Bezel								AC adapter	<i>Some:</i> 45-watt AC adapter (Integrated Graphics)	
Bluetooth™	None								Preload	<i>Some:</i> 65-watt AC adapter (Discrete Graphics)	
WLAN	Intel WGI218V Gigabit Ethernet Connection									Some: No operating system	
WWAN	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit	
	One of the following, configurable by model:									Some: Windows 8.1 64-bit	
SIM card	• Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card									• Lenovo Solution Center	
	• Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card									• Lenovo SHAREit	
Smart Card Read ExpressCard	• RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card								• Lenovo Solution Center		
	• BCM43162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card								• Lenovo SHAREit		
Dimensions	None								• ThinkVantage Product Recovery		
Weight	None								• Rescue and Recovery™		
Case color	None								• ThinkVantage System Update		
Case material	None								• Microsoft® Office preloaded; purchase a product key to activate		
	None								• Norton™ Internet Security (30 days of virus definitions)		
	None								Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64		
	None								• Lenovo Solution Center		
	None								• Lenovo SHAREit		
	None								• ThinkVantage Product Recovery		
	None								• Rescue and Recovery™		
	None								• ThinkVantage System Update		
	None								• Microsoft® Office preloaded; purchase a product key to activate		
	None								• Norton Internet Security (30 days of virus definitions)		
	None								Some: Windows 10 Pro 64		
	None								Some: Windows 10 Home 64		
	None								• Lenovo Solution Center		
	None								• Lenovo SHAREit		
	None								• Lenovo Companion		
	None								• Microsoft Office preloaded; purchase a product key to activate		
	None								• McAfee LiveSafe (30 days of virus definitions)		
Limited warranty	1-year - depot repair service / service upgrades available										
Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant										

Model	20DF00F8++
Product	ThinkPad E550
Region	EMEA
Machine Type	20DF
TopSeller	TopSeller
Processor	Core i3-5005U (2C, 2.0GHz, 3MB)
vPro	No
Graphics	Integrated Intel HD Graphics 5500
Memory	4GBx1
Display	15.6" HD (1366x768)
Multi-touch	None
Storage	500GB 7200rpm
Optical	DVD±RW
WLAN + Bluetooth	11b/g/n, 1x1 + BT4.0
WWAN	None
SIM Card	None
Color	Black
Case Material	PC/ABS
Camera	720p
Keyboard	Non-backlit
Fingerprint Reader	Fingerprint Reader
NFC	None
TPM	dTPM 1.2
Battery	6-cell (48Wh)
Power Adapter	45W
Operating System	Windows 10 Pro 64
Warranty	1-year, Depot
Global	No
Ann Date (mm/yy)	12/16



