

ThinkPad E550 Platform Specifications

Product Specifications Reference (PSREF)

Processor	4th or 5th Generation Intel® Core™ i3 / i5 / i7 Processor								<p>Multicard Reader Ports Two USB 3.0 (one Always On), one USB 2.0, Ethernet (RJ-45), external monitor (VGA DB-15, HDMI), Lenovo OneLink connector</p> <p>Monitor cable None</p> <p>Camera Some: 0.3-megapixel, fixed focus Some: HD720p resolution, fixed focus Some: 3D camera, Intel RealSense™ 3D Camera with MIC</p> <p>Audio support HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio™ v4 / stereo speakers or JBL speakers, 2W x 2 / dual array microphone, combo audio / microphone jack</p> <p>Keyboard UltraNav™ TrackPoint® pointing device and multi-touch with 3+2 buttons click pad</p> <p>ThinkLight™ None</p> <p>Security Power-on password, hard disk password, supervisor password, security keyhole</p> <p>Security chip None</p> <p>vPro None</p> <p>Fingerprint reader Some: Fingerprint reader on the keyboard bezel, swipe sensor</p> <p>NFC None</p> <p>Battery type Li-Ion 6-cell (48Wh)</p> <p>Battery life 6-cell (48Wh): up to 9.0 hr</p> <p>AC adapter Some: 45-watt AC adapter (Integrated Graphics) Some: 65-watt AC adapter (Discrete Graphics)</p> <p>Preload Some: No operating system Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions)</p> <p>Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • ThinkVantage System Update • Evernote • Maxthon Cloud Browser • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)</p> <p>Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • Microsoft Office preloaded; purchase a product key to activate • McAfee LiveSafe (30 days of virus definitions)</p>											
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics												
	i3-4005U	2	4	1.7 GHz	-	3MB	DDR3L-1600	HD4400												
	i3-5005U	2	4	2.0 GHz	-	3MB		HD5500												
	i3-5015U	2	4	2.1 GHz		3MB		HD5500												
	i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500												
	i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB		HD5500												
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								<p>Keyboard UltraNav™ TrackPoint® pointing device and multi-touch with 3+2 buttons click pad</p> <p>ThinkLight™ None</p> <p>Security Power-on password, hard disk password, supervisor password, security keyhole</p> <p>Security chip Some: Trusted Platform Module, TCG 1.2-compliant</p> <p>vPro None</p> <p>Fingerprint reader Some: Fingerprint reader on the keyboard bezel, swipe sensor</p> <p>NFC None</p> <p>Battery type Li-Ion 6-cell (48Wh)</p> <p>Battery life 6-cell (48Wh): up to 9.0 hr</p> <p>AC adapter Some: 45-watt AC adapter (Integrated Graphics) Some: 65-watt AC adapter (Discrete Graphics)</p> <p>Preload Some: No operating system Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions)</p> <p>Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • ThinkVantage System Update • Evernote • Maxthon Cloud Browser • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)</p> <p>Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • Microsoft Office preloaded; purchase a product key to activate • McAfee LiveSafe (30 days of virus definitions)</p>											
Chipset Memory	Intel SoC (System on Chip) platform 16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets																			
Display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio																			
Multi-touch	Some: supports 10-finger gesture																			
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, Shock Mounted Hard Drive, Active Protection System™																			
Optical	Some: Hybrid drive with 8GB NAND flash memory Some: DVD burner, 9.0mm high, removable																			
M.2 SSD	Some: Blank Bezel None																			
Ethernet	Intel WGI218V Gigabit Ethernet Connection								<p>Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo SHAREit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions)</p> <p>Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • Microsoft Office preloaded; purchase a product key to activate • McAfee LiveSafe (30 days of virus definitions)</p> <p>Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • Microsoft Office preloaded; purchase a product key to activate • McAfee LiveSafe (30 days of virus definitions)</p>											
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																			
WLAN	One of the following, configurable by model: <ul style="list-style-type: none">Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 CardIntel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 CardRTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 CardBCM43162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card																			
WWAN	None																			
SIM card	None																			
Smart Card Read	None																			
ExpressCard	None																			
Dimensions	None Touch(WxDxH): 14.84" x 10.08" x 1.06"; 377mm x 256mm x 27mm																			
Weight	6-cell None Touch: from 5.21 lb (2.35kg)																			
Case color	Graphite Black																			
Case material	PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic																			
Limited warranty 1-year - depot repair service / service upgrades available																				
Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant																				

Model		20DF0082xx
Product		ThinkPad E550
Region		EAST
Machine Type		20DF
TopSeller		TopSeller
Processor		Core i3-4005U (2C, 1.7GHz, 3MB)
vPro		No
Graphics		AMD Radeon R7 M260 2GB
Memory		4GBx1
Display		15.6" HD (1366x768)
Multi-touch		None
Storage		500GB (8GB) SSHD 5400rpm
Optical		DVD±RW
WLAN + Bluetooth		Intel 7265 ac, 2x2 + 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		None
Battery		6-cell (48Wh)
Power Adapter		65W
Operating System		Windows 8.1 DG Windows 7 Pro 64
Warranty		1-year, Depot
Global		No
Ann Date (mm/yy)		03/15



