

ThinkPad E550 Platform Specifications

Product Specifications Reference (PSREF)

Processor	4th or 5th Generation Intel® Core™ i3 / i5 / i7 Processor							
	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							
Chipset	Intel SoC (System on Chip) platform							
Memory	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 Some: Blank Bezel							
M.2 SSD	None							
Ethernet	Intel WGI218V Gigabit Ethernet Connection							
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
WLAN	One of the following, configurable by model: • Intel Wireless-AC 3160, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card • Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card • RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card • BCM43162, 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							
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)							
Ports	Two USB 3.0 (one Always On), one USB 2.0, Ethernet (RJ-45), external monitor (VGA DB-15, HDMI), Lenovo OneLink connector							
Monitor cable	None							
Camera	Some: 0.3-megapixel, fixed focus Some: HD720p resolution, fixed focus Some: 3D camera, Intel RealSense™ 3D Camera with MIC							
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							
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad							
UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad							
ThinkLight™	None							
Security	Power-on password, hard disk password, supervisor password, security keyhole							
Security chip	Some: Trusted Platform Module, TCG 1.2-compliant							
vPro	None							
Fingerprint reader	Some: Fingerprint reader on the keyboard bezel, swipe sensor							
NFC	None							
Battery type	Li-Ion 6-cell (48Wh)							
Battery life	6-cell (48Wh): up to 9.0 hr							
AC adapter	Some: 45-watt AC adapter (Integrated Graphics) Some: 65-watt AC adapter (Discrete Graphics)							
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)							
	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)							
	Some: Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • ThinkVantage Product Recovery • Rescue and Recovery™							
	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)							
Limited warranty	1-year - depot repair service / service upgrades available							
Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant							

Model	20DF0050++
Product	E550
Region	WE
Machine Type	20DF
TopSeller	TopSeller
Processor	i3-5005U
vPro	No
Graphics	Intel HD graphics 5500
Chipset	Intel SoC platform
Memory	4GBx1
Display	15.6" HD (1366x768)
Multi-touch	None
Color	Black
Storage	128GB SSD
Optical	DVD±RW
WLAN & Bluetooth	Intel 3160 ac + BT4.0
WWAN / M.2 SSD	None
SIM Card	None
Camera	720p
Numeric Keyboard	Numeric Keypad
dTPM	Discrete TPM
Fingerprint Reader	Fingerprint
NFC	None
Battery Cells	6-cell (48wh)
Power Adapter (watt)	45W
Preload	Windows 8.1 DG Windows 7 Pro 64
Base Warranty	1-year, depot
Global	No
Ann Date (mm/yy)	01/15



