

# ThinkPad E555 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Accelerated Processor A6, A8, A10, or FX APU								Multicard Reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0 (one Always On), one USB 2.0, VGA DB-15, HDMI, Ethernet (RJ-45), Lenovo OneLink connector, combo audio/microphone jack	
	Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Graphics		None	
	A6-7000	2	2	2.2 GHz	3.0 GHz	1MB	DDR3L-1600	R4 HD			
	A6-7000	2	2	2.2 GHz	3.0 GHz	1MB		R5 M240			
	A8-7100	4	4	1.8 GHz	3.0 GHz	4MB		R5 HD			
	A8-7100	4	4	1.8 GHz	3.0 GHz	4MB		R5 M240			
	A10-7300	4	4	1.9 GHz	3.2 GHz	4MB		R7 M260DX (R6+R5 M240)			
	FX-7500	4	4	2.1 GHz	3.3 GHz	4MB		R7 M265DX (R7+R5 M240)			
Graphics	AMD Radeon™ R4 or R5 HD Graphics in processor only, AMD Radeon R5 M240 Graphics, 2GB DDR3 memory, or Dual Graphics support for A10 and FX APU 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								Camera	HD720p resolution, fixed focus	
Chipset	AMD A76M FCH Chipset								Audio support	HD Audio, Conexant® CX20751 codec, Dolby® Advanced Audio™ v4 / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack	
Memory	16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad	
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad	
Multi-touch	None								ThinkLight™	None	
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ <i>Some:</i> Hybrid drive with 8GB NAND flash memory								Security chip	Power-on password, hard disk password, supervisor password, security keyhole	
Optical	<i>Some:</i> DVD burner, 9.0mm high, fixed <i>Some:</i> Blank Bezel								vPro	None	
M.2 SSD	None								Fingerprint reader	None	
Ethernet	Realtek® RTL8111GUS Gigabit Network Connection								NFC	None	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Battery type	Li-Ion 6-cell (48Wh)	
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"><li>• RTL8723BE, Realtek 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card</li><li>• BCM943162, Broadcom 11-AC, 1x1, Wi-Fi + BT combo adapter, M.2 Card</li></ul>								Battery life	Up to 6.3 hr	
WWAN	None								AC adapter	<i>Some:</i> 45-watt AC adapter (Integrated Graphics) <i>Some:</i> 65-watt AC adapter (Discrete Graphics)	
SIM card	None								Preload	<i>Some:</i> No operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <ul style="list-style-type: none"><li>• Lenovo Solution Center</li><li>• Lenovo SHAREit</li><li>• ThinkVantage Product Recovery</li><li>• Rescue and Recovery™</li><li>• ThinkVantage System Update</li><li>• Microsoft® Office preloaded; purchase a product key to activate</li><li>• Norton™ Internet Security (30 days of virus definitions)</li></ul>	
Smart Card Read	None									<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <ul style="list-style-type: none"><li>• Lenovo Solution Center</li><li>• Lenovo SHAREit</li><li>• Lenovo Companion</li><li>• ThinkVantage System Update</li><li>• Evernote</li><li>• Maxthon Cloud Browser</li><li>• Norton Studio</li><li>• Microsoft Office preloaded; purchase a product key to activate</li><li>• Norton Internet Security (30 days of virus definitions)</li></ul>	
ExpressCard	None									<i>Some:</i> Windows 7 Professional preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none"><li>• Lenovo Solution Center</li><li>• Lenovo SHAREit</li><li>• ThinkVantage Product Recovery</li><li>• Rescue and Recovery™</li></ul>	
Dimensions	<i>All (WxDxH):</i> 14.84" x 10.04" x 1.07" (377mm x 255mm x 27.1mm)								Limited warranty	1-year - depot repair service / service upgrades available	
Weight	From 5.20 lb (2.36kg)								Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant	
Case color	Graphite black										
Case material	PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic										

See footnotes for more detailed information

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