

Miix 520-121KB Business Editon Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processors							Dimensions	Pad: WxDxH: 11.81" x 8.07" x 0.39"; 300m x 205mm x 9.9mm Keyboard dock: WxDxH: 11.96" x 8.63" x 0.24"; 303.9m x 219.1mm x 6mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Weight	Pad: 1.94lb / 0.88kg Keyboard dock: 0.84lb / 0.38kg
	i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Case color	Iron grey or platinum silver
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	Case material	Magnesium aluminium
	i7-8550U			1.8 GHz	4.0 GHz	8MB			Media reader (opt)	MicroSD card reader, supports up to 2TB (Wifi model only)
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor							Ports	One USB 3.1 Gen 1, one USB 3.1 Type-C Gen1 (combine DP1.2, VGA / HDMI), combo audio jack, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
Chipset	Intel SoC (System on Chip) platform							Camera	Front camera: 5MP resolution, fixed focus Rear camera: 8MP resolution, auto focus, support AR	
Memory	16GB max / 2133MHz DDR4, soldered to systemboard <i>* System automatically clocks down for the processors with lower memory controller</i>							Audio support	HD Audio, stereo speakers with Dolby® Audio X2, 1.0W x 2 / dual array far-field microphone, combo audio / microphone jack	
Widescreen	12.2" (305mm) FHD (1920x1200) color, WVA, LED backlight, 320 nits, 16:10 aspect ratio							Touchpad (opt)	One-piece multi-touch touchpad	
Multi-touch	Multi-touch (10 fingers)							Security chip (opt)	Discrete TPM 2.0, TCG Certified	
Keyboard dock	<i>Optional:</i> detachable folio keyboard with touchpad and optional backlight							Fingerprint reader	<i>Optional:</i> Match-on-Host fingerprint reader on right side	
Active pen (opt)	<i>Some:</i> Lenovo® Active Pen, battery included on some models <i>Some:</i> Lenovo Active Pen 2 (bluetooth), battery included on some models							Battery	Li-Polymer 2-cell (39Wh)	
M.2 SSD	M.2 SSD / PCIe 3.0x4							Max battery	MobileMark® 2014: 8 hrs <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
Optical	None							AC adapter	45W Round Tip (Wall) AC adapter	
Ethernet	None							Preload	Windows® 10 Pro 64 Preloaded applications (only some listed) • Lenovo ID • Lenovo Settings • McAfee LiveSafe™ (30-day trial) • Lenovo App Explorer	
Bluetooth™	Bluetooth 4.1 wireless							Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 1-year depot with 2-year system board service	
WLAN	<i>11ac+BT:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter <i>11ac+BT:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter <i>Intel 3165 ac+BT:</i> 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>Intel 8265 ac+BT:</i> 11ac, 2x2, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth combo adapter, M.2 Card							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
WWAN (opt)	4G LTE connectivity									
SIM card (opt)	Single Nano-SIM slot (4G model only)									
ALS	None									
eCompass	None									
Hall Sensor	Yes									
G-sensor	Yes									
Gyroscope	Yes									

The specifications above may not be available in all regions and might change by region.

Lenovo
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