

# Lenovo Legion Y520 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processors								Media reader (opt) Ports	4-in-1 reader (MMC, SD, SDHC, SDXC), with GTX1050Ti and RX-560M GPU One USB 2.0, two USB 3.0, one Type-C (with the functions of USB 3.0 and DisplayPort 1.2), HDMI (1.4), Ethernet (RJ-45), audio combo jack, optional MiniDP (with GTX1060 GPU only)
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Type	Processor Graphics		
	i5-7300HQ	4	4	2.5 GHz	3.5 GHz	6MB	DDR4-2400	Intel HD Graphics 630		
	i7-7700HQ	4	8	2.8 GHz	3.8 GHz	6MB				
Graphics	<i>Some:</i> NVIDIA® GeForce® GTX 1050 / 1050Ti, PCI Express 3.0, 2GB or 4GB GDDR5 <i>Some:</i> AMD® Radeon™ RX 560, PCI Express 3.0, 2GB or 4GB GDDR5 <i>Some:</i> NVIDIA® GeForce® GTX 1060, with Max-Q design, PCI Express 3.0, 3GB or 6GB GDDR5 supports external digital display Max resolution: 3840x2160@30Hz (HDMI)								Camera Audio support	1.0MP (HD720P), fixed focus, combo array microphone HD Audio, Harman® speakers with Dolby® Audio Certification, 2W x 2 / dual array microphone, combo audio / microphone jack
									Keyboard Touchpad	6-row, multimedia Fn keys, optional red LED backlight, numeric keypad One-piece touchpad with two buttons
									Security	Power-on password, hard disk password, administrator password, Kensington mini security keyhole
									Security chip Fingerprint reader	None None
Chipset	Intel HM175 chipset								Battery type	<i>Some:</i> integrated Li-Polymer 3-cell (45Wh)
Memory	32GB max / DDR4 2400MHz, two 260-pin SO-DIMM sockets									<i>Some:</i> integrated Li-Polymer P1 3-cell (45Wh)
Display	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio								Battery life	Up to 4hrs
Multi-touch	None								AC adapter	135-watt AC adapter
Storage (opt)	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s support M.2 SSD / PCIe 3.0 x 4 None								Preload	Windows® 10 Home 64 Preloaded applications (only some listed) • Lenovo® Companion • Lenovo Nerve Sense • Lenovo OneKey™ Recovery • Lenovo ID
M.2 SSD (opt)										
Optical										
Ethernet										
WLAN	Gigabit Ethernet connection <i>Some:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>Some:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	1-year depot repair service / service upgrades available
Bluetooth™									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Dimensions	<i>WxDxH:</i> 14.96" x 10.43" x 1.01" (380mm x 265mm x 25.8mm) 2.4kg (5.3lb) Black PC/ABS									
Weight										
Case color										
Case material										