

# Lenovo Legion Y520-15 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processors								Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) 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
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Type	Processor Graphics	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
	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 Max Q, PCI Express 3.0, 3GB or 6GB GDDR5 supports external digital display Max resolution: 3840x2160@30Hz (HDMI)								Keyboard Touchpad	6-row, multimedia Fn keys, optional red LED backlight, numeric keypad One-piece touchpad with two buttons
Chipset	Intel HM175 chipset								Security	Power-on password, hard disk password, administrator password, Kensington mini security keyhole
Memory	32GB max / DDR4 2133MHz, two 260-pin SO-DIMM sockets								Security chip	None
Display	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio								Fingerprint reader	None
Multi-touch	None								Battery type	<i>Some:</i> integrated Li-Polymer 3-cell (45Wh) <i>Some:</i> integrated Li-Polymer P1 3-cell (45Wh)
Storage (opt)	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s support								Battery life	Up to 4hrs
M.2 SSD (opt)	M.2 SSD / PCIe 3.0 x 4								AC adapter	135-watt AC adapter
Optical	None								Preload	Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> <li>• Lenovo® Companion</li> <li>• Lenovo Nerve Sense</li> <li>• Lenovo OneKey™ Recovery</li> <li>• Lenovo ID</li> </ul>
Ethernet	Gigabit Ethernet connection								Limited warranty	1-year depot repair service / service upgrades available
WLAN	<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								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Dimensions	<i>WxDxH:</i> 14.96" x 10.43" x 1.01" (380mm x 265mm x 25.8mm)									
Weight	2.4kg (5.3lb)									
Case color	Black									
Case material	PC/ABS									