Lenovo Legion Y520 (15") Platform Specifications

Processor	7th Generation Intel® Core™ i5 / i7 Processors							

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	*Some:* NVIDIA® GeForce® GTX 1050 / 1050 Ti, PCI Express 3.0, 2GB or 4GB GDDR5 *Some:* AMD Radeon™ RX 560, PCI Express 3.0, 2GB or 4GB GDDR5 *Some:* 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)
Chipset Memory	Intel HM175 chipset 32GB max / DDR4 2400MHz, two 260-pin SO-DIMM sockets
Display Multi-touch	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio None
Storage *(opt)* M.2 SSD *(opt)* Optical	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s support M.2 SSD / PCIe 3.0 x 4 None
Ethernet WLAN Bluetooth™	Gigabit Ethernet connection *Some:* 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card *Some:* 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Dimensions Weight Case color Case material	*WxDxH (IKBM):* 14.96" x 10.43" x 1.09"; 380mm x 265mm x 27.8mm *WxDxH (others):* 14.96" x 10.43" x 1.01"; 380mm x 265mm x 25.8mm 2.4kg (5.3lb) Black, red or black with golden "Y" PC/ABS

Media reader *(opt)* Ports	4-in-1 reader (MMC, SD, SDHC, SDXC), model with NVIDIA GeForce GTX 1050, GTX 1050Ti or AMD Radeon RX 560 Graphics only One USB 2.0, two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1 / DP 1.2, HDMI (1.4), Ethernet (RJ-45), headphone / microphone combo jack, optional MiniDP (with GTX1060 GPU only) ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
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, headphone / microphone combo jack
Keyboard Touchpad	6-row, multimedia Fn keys, optional red LED backlight, numeric keypad One-piece touchpad with two buttons
Security Security chip Fingerprint reader	Power-on password, hard disk password, administrator password, Kensington mini security keyhole None None
Battery type Battery life AC adapter	*Some:* integrated Li-Polymer 3-cell (45Wh) *Some:* integrated Li-Polymer P1 3-cell (45Wh) Up to 4hr ** Battery life varies significantly with settings, usage, & other factors* 135-watt AC adapter
Preload	Windows® 10 Home 64 or Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® Companion • Lenovo Nerve Sense • Lenovo OneKey™ Recovery • Lenovo ID
Limited warranty	*Some:* 1-year depot repair service *Some:* 2-year/1-yr battery depot repair service *Some:* 1-year mail-in repair service
Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant