

# Lenovo Legion Y520 (15") 80YY0074US

**Product**

Lenovo Legion Y520-15IKBM

**Region**

NA

**Country**

US, Canada

**Machine Type**

80YY

**Processor**

Core i7-7700HQ (4C, 2.8 / 3.8GHz, 6MB)

**Graphics**

NVIDIA GeForce GTX 1060 6GB GDDR5

**Chipset**

Intel HM175

**Memory**

8GBx2

**Display**

15.6" FHD (1920x1080) IPS

**Multi-touch**

None

**Storage**

256GB SSD M.2 PCIe

**Optical**

None

**Media Reader**

None

**Optional Ports**

MiniDP

**Ethernet**

100/1000M

**WLAN + Bluetooth**

11ac, 1x1 + BT4.1

**Color**

Black

**Camera**

720p

**Microphone**

Dual Array

**Keyboard**

Red LED Backlit

**Fingerprint Reader**

None

**Battery**

P1 3-cell (45Wh)

**Power Adapter**

135W

**Operating System**

Windows 10 Home 64

**Warranty**

1-year, Depot

**Ann Date (mm/yy)**

10/17

**Notes:****California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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# Lenovo Legion Y520 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processors								Media reader (opt) 4-in-1 reader (MMC, SD, SDHC, SDXC), model with NVIDIA GeForce GTX 1050, GTX 1050Ti or AMD Radeon RX 560 Graphics only Ports 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
	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)								Camera 1.0MP (HD720P), fixed focus, combo array microphone Audio support HD Audio, Harman® speakers with Dolby® Audio Certification, 2W x 2 / dual array microphone, headphone / microphone combo jack
	Chipset	Intel HM175 chipset							Keyboard 6-row, multimedia Fn keys, optional red LED backlight, numeric keypad Touchpad One-piece touchpad with two buttons
Memory	32GB max / DDR4 2400MHz, two 260-pin SO-DIMM sockets								Security Power-on password, hard disk password, administrator password, Kensington mini security keyhole
Display	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio								Security chip None Fingerprint reader None
Multi-touch	None								Battery type Some: integrated Li-Polymer 3-cell (45Wh) Some: integrated Li-Polymer P1 3-cell (45Wh) Battery life Up to 4hr * Battery life varies significantly with settings, usage, & other factors
Storage (opt)	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s support								AC adapter 135-watt AC adapter
M.2 SSD (opt)	M.2 SSD / PCIe 3.0 x 4								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
Optical	None								
Ethernet	Gigabit Ethernet connection								Limited warranty Some: 1-year depot repair service Some: 2-year/1-yr battery depot repair service Some: 1-year mail-in repair service
WLAN	Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Dimensions	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								
Weight	2.4kg (5.3lb)								
Case color	Black, red or black with golden "Y"								
Case material	PC/ABS								



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