



# 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 3.0, 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	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 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
	Chipset	Intel HM175 chipset							Keyboard Touchpad 6-row, multimedia Fn keys, optional red LED backlight, numeric keypad 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)
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 or Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® Companion • Lenovo Nerve Sense • Lenovo OneKey™ Recovery • Lenovo ID
Ethernet	Gigabit Ethernet connection								
WLAN	Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								Limited warranty Some: 1-year depot repair service Some: 2-year/1-yr battery depot repair service Some: 1-year mail-in repair service
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Dimensions	WxDxH: 14.96" x 10.43" x 1.01" (380mm x 265mm x 25.8mm)								Environment EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Weight	2.4kg (5.3lb)								
Case color	Black, red or black with golden "Y"								
Case material	PC/ABS								

# Lenovo Legion Y520 (15") - 80WK

Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Chipset	Memory	Display	Storage(HDD/SSD)	Media Reader	Optional Ports	Ethernet	WLAN + Bluetooth	Color	Camera	Keyboard	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
80WK001KUS	Lenovo Legion Y520-15IKBN	NA	US	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	2TB 5400rpm + 256GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	03/17
80WK001LUS	Lenovo Legion Y520-15IKBN	NA	US	i5-7300HQ	GTX 1050Ti 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	03/17
80WK001MUS	Lenovo Legion Y520-15IKBN	NA	US	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	03/17
80WK00CCUS	Lenovo Legion Y520-15IKBN	NA	US	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	08/17
80WK00MRCF	Lenovo Legion Y520-15IKBN	NA	Canada	i5-7300HQ	GTX 1050Ti 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	04/17
80WK00MSCF	Lenovo Legion Y520-15IKBN	NA	Canada	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	2TB 5400rpm + 256GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	04/17
80WK00MTCF	Lenovo Legion Y520-15IKBN	NA	Canada	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	04/17
80WK00T2US	Lenovo Legion Y520-15IKBN	NA	US, Canada	i7-7700HQ	GTX 1050 2GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	08/17
80WK00T3US	Lenovo Legion Y520-15IKBN	NA	US	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	08/17
80WK0165US	Lenovo Legion Y520-15IKBN	NA	US, Canada	i7-7700HQ	GTX 1050Ti 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	2TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	11/17
80WK01HEUS	Lenovo Legion Y520-15IKBN	NA	US, Canada	i7-7700HQ	GTX 1050 4GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	06/18

# Lenovo Legion Y520 (15") - 80WY

Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Chipset	Memory	Display	Storage(HDD/SSD)	Media Reader	Optional Ports	Ethernet	WLAN + Bluetooth	Color	Camera	Keyboard	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
80WY0000US	Lenovo Legion Y520-15IKBA	NA	US, Canada	i5-7300HQ	AMD RX 560 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	06/17
80WY000NUS	Lenovo Legion Y520-15IKBA	NA	US, Canada	i7-7700HQ	AMD RX 560 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	07/17
80WY001SCF	Lenovo Legion Y520-15IKBA	NA	Canada	i5-7300HQ	AMD RX 560 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	07/17
80WY001TCF	Lenovo Legion Y520-15IKBA	NA	Canada	i7-7700HQ	AMD RX 560 4GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	4-in-1	None	100/1000M	11ac, 1x1 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	07/17

# Lenovo Legion Y520 (15") - 80YY

Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Chipset	Memory	Display	Storage(HDD/SSD)	Media Reader	Optional Ports	Ethernet	WLAN + Bluetooth	Color	Camera	Keyboard	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
80YY003PUS	Lenovo Legion Y520-15IKBM	NA	US, Canada	i7-7700HQ	GTX 1060 3GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	None	MiniDP	100/1000M	11ac, 2x2 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	06/17
80YY003TCF	Lenovo Legion Y520-15IKBM	NA	Canada	i7-7700HQ	GTX 1060 3GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	None	MiniDP	100/1000M	11ac, 2x2 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	06/17
80YY0060US	Lenovo Legion Y520-15IKBM	NA	US, Canada	i7-7700HQ	GTX 1060 3GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	2TB 5400rpm + 256GB SSD M.2 PCIe	None	MiniDP	100/1000M	11ac, 2x2 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	09/17
80YY009NUS	Lenovo Legion Y520-15IKBM	NA	US, Canada	i7-7700HQ	GTX 1060 3GB	Intel HM175	8GBx1	15.6" FHD (1920x1080) IPS	1TB 5400rpm + 128GB SSD M.2 PCIe	None	MiniDP	100/1000M	11ac, 2x2 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	03/18
80YY009PUS	Lenovo Legion Y520-15IKBM	NA	US, Canada	i7-7700HQ	GTX 1060 3GB	Intel HM175	8GBx2	15.6" FHD (1920x1080) IPS	512GB SSD M.2 PCIe	None	MiniDP	100/1000M	11ac, 2x2 + BT4.1	Black	720p	Red LED Backlit	P1 3-cell (45Wh)	135W	Windows 10 Home 64	1-year, Depot	03/18