

Lenovo Legion Y520 (15") 80WK01DXGE

Product
Lenovo Legion Y520-15IKBN

Region
WE

Country
Germany

Machine Type
80WK

Processor
Core i5-7300HQ (4C, 2.5 / 3.5GHz, 6MB)

Graphics
NVIDIA GeForce GTX 1050 4GB GDDR5

Chipset
Intel HM175

Memory
8GBx1

Display
15.6" FHD (1920x1080) IPS

Multi-touch
None

Storage
1TB 5400rpm + 128GB SSD M.2 PCIe

Optical
None

Media Reader
4-in-1

Optional Ports
None

Ethernet
100/1000M

WLAN + Bluetooth
11ac, 1x1 + BT4.1

Color
Black

Camera
720p

Microphone
Dual Array

Keyboard
Red LED Backlit

Fingerprint Reader
None

Battery
3-cell (45Wh)

Power Adapter
135W

Operating System
None

Warranty
2-year, Depot

Ann Date (mm/yy)
01/18

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.



WWW.LENOVO.COM

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo™

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) <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
	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, headphone / microphone combo jack
									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 2400MHz, two 260-pin SO-DIMM sockets								Security chip Fingerprint reader	None None
Display	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 250 nits, 16:9 aspect ratio								Battery type	Some: integrated Li-Polymer 3-cell (45Wh) Some: integrated Li-Polymer P1 3-cell (45Wh)
Multi-touch	None								Battery life	Up to 4hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
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									
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 (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								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
October 2018

Lenovo™

Lenovo Legion Y520 (15")

