

Lenovo Legion Y920 (17") Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i7 Processor								Media reader Ports	6-in-1 reader (MMC, SD, SDHC, SDXC, MMC-Plus, SDIO card) Four USB 3.0 (one support Always On Charging), one Type-C (with the functions of USB 3.1, Thunderbolt 3, DisplayPort), DisplayPort (1.2a), HDMI (2.0a), Ethernet (RJ-45), audio combo jack, microphone jack
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Type	Processor Graphics		
	i7-7700HQ	4	8	2.8 GHz	3.8 GHz	6MB	DDR4-2400	Intel HD Graphics 630		
	i7-7820HK			2.9 GHz	3.9 GHz	8MB				
Graphics	Intel HD Graphics 630 in processor and NVIDIA® GeForce® GTX 1070, PCI Express 3.0, 8GB GDDR5, supports external digital display Max resolution: 4096x2160@60Hz (HDMI); 4096x2160@60Hz (DP)								Camera Audio support	1.0MP (HD720P), fixed focus, integrated dual array microphone HD Audio, JBL® speakers with Dolby® Atoms Certification, 2W x 2 / JBL subwoofer, 3W x 1/ dual array microphone, combo audio / microphone jack, microphone jack
Chipset	Intel CM238 chipset								Keyboard	6-row, mechanical keyboard, multimedia Fn keys, RGB LED backlight, numeric keypad, turbo toggle button, optional Key Cap
Memory	64GB max / DDR4 2400MHz, four SO-DIMM sockets								Touchpad	One-piece touchpad without button
Display	17.3" (439mm) FHD (1920x1080) color, LED backlight, IPS, 300 nits, 16:9 aspect ratio, anti-glare								Security Security chip Fingerprint reader	Hard disk password, administrator password, security keyhole None None
Multi-touch	None								Battery type	Integrated Li-Polymer 6-cell (90Wh)
Storage (optional)	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s								Battery life	Up to 3.5hrs
M.2 SSD	M.2 SSD / PCIe 3.0 x 4								AC adapter	230-watt AC adapter
M.2 Slot	2 slots								Preload	Windows® 10 Home 64 Preloaded applications (only some listed) • Lenovo® Companion • Lenovo Settings • Lenovo ID
Optical (opt)	External DVD±RW, USB 2.0, 9.5mm tray in									
Ethernet	Gigabit Ethernet connection, Killer™ E2500 (support Killer DoubleShot Pro fouction)									
WLAN	11ac, 2x2, Killer Wireless-AC 1535 Wi-Fi + Bluetooth combo adapter, M.2 Card, Support Killer DoubleShot Pro fouction									
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	1-year or 2-year depot repair service / service upgrades available
WWAN	None								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Dimensions	WxDxH: 16.73" x 12.4" x 1.42" (425mm x 315mm x 36mm)									
Weight	4.3kg (9.5lb)									
Case color	Black									
Case material	Display cover: aluminum Bottom: aluminum									

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November 2017