Lenovo Legion Y920 (17") 80YW0042GE

Region
Germany

Machine Type
80YW

Processor
Core i7-7820HK (4C, 2.9 / 3.9GHz, 8MB)

Graphics
NVIDIA GeForce GTX 1070 8GB GDDR5

Chipset
Intel CM238

Memory
16GBx2

Display
17.3" FHD (1920x1080) IPS

Multi-touch
None

Storage
2TB 5400rpm + 512GB SSD M.2 PCIe

Optical
External USB DVD±RW

Ethernet
100/1000M

WLAN + Bluetooth
Killer 1535 ac, 2x2 + BT4.1

Color
Black

Camera
720p

Microphone
Dual Array

Keyboard
RGB LED Backlit

Fingerprint Reader
None

Battery
6-cell (90Wh)

Power Adapter
230W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
11/17

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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Lenovo Legion Y920 (17") Platform Specifications

Processor	7th Generation Intel® Core™ i7 Processor

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)
Chipset	Intel CM238 chipset
Memory	64GB max / DDR4 2400MHz, four SO-DIMM sockets
Display	17.3" (439mm) FHD (1920x1080) color, LED backlight, IPS, 300 nits, 16:9 aspect ratio, anti-glare
Multi-touch	None
Storage *(optional)*	HDD / 2.5" wide, 5400 rpm, 7mm high, SATA 6.0Gb/s
M.2 SSD	M.2 SSD / PCIe 3.0 x 4
M.2 Slot	2 slots
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
WWAN	None
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

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
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
Keyboard Touchpad	6-row, mechanical keyboard, multimedia Fn keys, RGB LED backlight, numeric keypad, turbo toggle button, optional Key Cap One-piece touchpad without button
Security Security chip Fingerprint reader	Hard disk password, administrator password, security keyhole None None
Battery type Battery life AC adapter	Integrated Li-Polymer 6-cell (90Wh) Up to 3.5hrs 230-watt AC adapter
Preload	Windows® 10 Home 64 Preloaded applications (only some listed) • Lenovo® Companion • Lenovo Settings • Lenovo ID
Limited warranty	1-year or 2-year depot repair service / service upgrades available
Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

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