



# Lenovo Legion Y520 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processors						WLAN (optional) Bluetooth™ Ethernet	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek Dragon LAN 8118AS
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics		
	Core i3-7100	2 / 4	3.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 630		
	Core i5-7400	4 / 4	3.0 GHz / 3.5 GHz	6 MB				
Core i7-7700	4 / 8	3.6 GHz / 4.2 GHz	8 MB					
Memory	16GB max offering (support 32GB max), 2400MHz DDR4, two UDIMM sockets						Security features	<ul style="list-style-type: none"> <li>• Power-on password</li> <li>• Hard-disk password</li> <li>• Administrator password</li> </ul>
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2						Keyboard (opt) Mouse (opt)	Lenovo® Calioppe Keyboard (USB connector), black Lenovo Calioppe Mouse (USB connector), black
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 5.25"						Mechanical	<ul style="list-style-type: none"> <li>• Tower (25L), black color</li> <li>• Dimensions (WxDxH): 7.16" x 18.42" x 15.84"; 182mm x 467.8mm x 402.4mm</li> <li>• Weights (net weight): 19.2 lb (8.71 kg)</li> <li>• Optional front fan with LED or circle LED</li> </ul> Bay 1: 5.25", access, optional optical Bay 2: 3.5", no access, disk Bay 3: 3.5", no access, disk Slot 1: full-length, full-height, PCIe x16, for discrete graphics M.2 card slots: two (one for WLAN, one for SSD)
Onboard SATA	SATA 6.0Gb/s controller, two SATA 6.0Gb/s connectors							
Media reader	None							
Graphics	Intel HD Graphics 630 in processor, uses main memory, DirectX® 12 <i>Some:</i> NVIDIA® Geforce® GTX 1060, 3GB or 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 <i>Some:</i> NVIDIA Geforce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 <i>Some:</i> AMD Radeon RX 560, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x1							
VR ready	Oculus® certified (only GTX 1050Ti)						Power supply	<i>Some:</i> 280 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) <i>Some:</i> 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V)
Chipset	Intel B250 Chipset						Limited warranty	<i>Some:</i> 1-year, limited Mail-in service <i>Some:</i> 1-year or 2-year, depot service
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Preload	Preloaded operating system <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> No operating system Preloaded applications (only some listed) <ul style="list-style-type: none"> <li>• Lenovo Nerve Center</li> <li>• Lenovo Rescue System</li> <li>• Lenovo Companion</li> <li>• PowerDVD</li> <li>• McAfee® Antivirus</li> </ul>
Rear ports	Two USB 2.0, two USB 3.0, ethernet (RJ-45), power connector, one HDMI (2.0a) additional DP, DVI, or HDMI on optional graphic card on some models *Onboard HDMI is unavailable on discrete models							
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)							
IEEE 1394	None							
Audio support	High Definition (HD) Audio, Realtek® ALC662VD						Environment	ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant

# Lenovo Legion Y520 Tower - 90H7

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Graphics	Chipset	Memory	Storage(HDD/SSD)	Optical	Media Reader	WLAN + Bluetooth	Keyboard / Mouse	System Fan	Power Supply	Operating System	Warranty	Ann Date (mm/yy)
90H7008PCF	Lenovo Legion Y520T-25IKL	Canada	i7-7700	GTX 1060 3GB	Intel B250	8GBx1	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	None	11ac, 1x1 + BT4.1	USB / USB	With LED	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17
90H70029US	Lenovo Legion Y520T-25IKL	US	i7-7700	GTX 1060 3GB	Intel B250	8GBx1	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	None	11ac, 1x1 + BT4.1	USB / USB	With LED	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	09/17
90H7002AUS	Lenovo Legion Y520T-25IKL	US	i5-7400	GTX 1060 3GB	Intel B250	8GBx1	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	None	11ac, 1x1 + BT4.1	USB / USB	With LED	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	09/17
90H7002CUS	Lenovo Legion Y520T-25IKL	US	i3-7100	AMD RX 560 4GB	Intel B250	8GBx1	1TB 7200rpm	DVD±RW	None	11ac, 1x1 + BT4.1	USB / USB	With LED	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	09/17
90H7002NUS	Lenovo Legion Y520T-25IKL	US, Canada	i5-7400	GTX 1050Ti 4GB	Intel B250	8GBx1	16GB Optane Memory + 1TB 7200rpm	DVD±RW	None	11ac, 1x1 + BT4.1	USB / USB	With LED	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17