



# Lenovo Legion Y720 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processor						WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	
	Core i5-7400	4 / 4	3.0 GHz / 3.5 GHz	6 MB	DDR4-2400	Intel HD Graphics 630	
Core i7-7700	4 / 8	3.6 GHz / 4.2 GHz	8 MB				
Memory	AMD® Ryzen 5 / 7 series processor						Security features <ul style="list-style-type: none"> <li>• Power-on password</li> <li>• Hard-disk password</li> <li>• Administrator password</li> </ul>
	APU	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics	
	Ryzen 5 1400	4 / 8	3.2 / 3.4	2MB	DDR4-2667	None	
	Ryzen 7 1800X	8 / 16	3.6 / 4.0	4MB	DDR4-2667	None	
Memory	<i>Intel model:</i> 32GB max, 2400MHz DDR4, four UDIMM sockets <i>AMD model:</i> 16GB max, 2400MHz DDR4, two UDIMM sockets System automatically clocks down for the processors with lower memory controller						Keyboard (opt) Lenovo® Calioppe Keyboard (USB connector), black Mouse (opt) Lenovo Calioppe Mouse (USB connector), black Mechanical <ul style="list-style-type: none"> <li>• Tower (34L), black color</li> <li>• Dimensions (WxDxH): 8.12" x 19.82" x 18.85"; 206.4mm x 503.5mm x 478.9mm</li> <li>• Weights (net weight): 31.08 lb (14.1 kg)</li> <li>• Front system fan</li> <li>• 65W CPU cooler (Intel model); 120W CPU cooler (AMD model)</li> <li>• Bay 1: 5.25", access, optional optical</li> <li>• Bay 2: 5.25", access</li> <li>• Bay 3: 3.5", no access, disk</li> <li>• Bay 4: 3.5", no access, disk</li> <li>• Bay 5: 3.5", no access, disk</li> <li>• Bay 6: 3.5", no access, disk (for AMD model)</li> </ul> <i>Intel mode:</i> one PCIe x16 slot, one PCIe x4 slot, three PCIe x1 slots <i>AMD model:</i> one PCIe x16 slot, one PCIe x1 slot
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 4 <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2						
Optical (optional)	DVD±RW, SATA connector, 5.25"						
Onboard SATA	<i>Intel model:</i> SATA 6.0Gb/s controller, six SATA 6.0Gb/s connectors <i>AMD model:</i> SATA 6.0Gb/s controller, four SATA 6.0Gb/s connectors						
Media reader	7-in-1 media reader						
Graphics	Intel HD Graphics 630 in processor, uses main memory, DirectX® 12 <i>Some:</i> NVIDIA® GeForce® GTX 1060, 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> NVIDIA GeForce GTX 1070, 8GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x3 <i>Some:</i> AMD Radeon RX 570, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, HDMI x1, DP x3 <i>Some:</i> AMD Radeon RX 480, 8GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, HDMI x1, DP x3						
VR Ready	Oculus® certified (RX 570 / GTX 1060 / GTX 1070)						
Chipset	<i>Some:</i> Intel H270 Chipset (support RAID 0) <i>Some:</i> AMD B350 Chipset						
Front ports	Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone connector, headphone connector						
Rear ports	<i>Intel model:</i> two USB 2.0, four USB 3.0, PS/2 connector, HDMI (1.4a), ethernet (RJ-45), power connector <i>AMD model:</i> one USB 3.1, one USB Type-C (USB 3.1 Gen 2), two USB 2.0, four USB 3.0, ethernet (RJ-45), power connector additional DP, DVI, or HDMI on optional graphic card on some models *Onboard HDMI is unavailable on discrete models						
Rear audio ports	Line-in, line-out, microphone-in, S/PDIF out, surround out, center / low frequency out						
Audio support	<i>Intel model:</i> High Definition (HD) Audio, Realtek® ALC1220 <i>AMD model:</i> High Definition (HD) Audio, Realtek ALC892						
	IEEE 1394 None						
	Power supply 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V)						
	Limited warranty 1-year, limited Mail-in service						
	Preload Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> <li>• Lenovo® Nerve Center</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Companion</li> <li>• CyberLink PowerDVD</li> </ul>						
	Environment ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant						

Lenovo Legion Y720 Tower - 90H5

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)
90H5002TCF	Lenovo Legion Y720T-34IKH	Canada	i7-7700	GTX 1060 6GB	Intel H270	8GBx2	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H50000US	Lenovo Legion Y720T-34IKH	US, Canada	i7-7700	GTX 1060 6GB	Intel H270	8GBx2	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H5000NUS	Lenovo Legion Y720T-34IKH	US, Canada	i7-7700	GTX 1070 8GB	Intel H270	8GBx2	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H5000PUS	Lenovo Legion Y720T-34IKH	US, Canada	i7-7700	GTX 1070 8GB	Intel H270	8GBx2	1TB 7200rpm + 256GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H5000QUS	Lenovo Legion Y720T-34IKH	US, Canada	i5-7400	GTX 1050Ti 4GB	Intel H270	8GBx1	1TB 7200rpm	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H5000WUS	Lenovo Legion Y720T-34IKH	US, Canada	i7-7700	AMD RX 570 4GB	Intel H270	8GBx2	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17
90H5000XUS	Lenovo Legion Y720T-34IKH	US, Canada	i5-7400	AMD RX 570 4GB	Intel H270	8GBx1	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	11/17

# Lenovo Legion Y720 Tower - 90H9

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)
90H90000US	Lenovo Legion Y720T-34ASU	US	AMD Ryzen 7 1800X	AMD RX 570 4GB	AMD B350	8GBx2	2TB 7200rpm + 256GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17
90H90001US	Lenovo Legion Y720T-34ASU	US	AMD Ryzen 5 1400	AMD RX 570 4GB	AMD B350	8GBx1	1TB 7200rpm	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17
90H90002US	Lenovo Legion Y720T-34ASU	US	AMD Ryzen 7 1800X	AMD RX 570 4GB	AMD B350	8GBx2	1TB 7200rpm + 256GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17
90H90004US	Lenovo Legion Y720T-34ASU	US	AMD Ryzen 7 1800X	AMD RX 570 4GB	AMD B350	8GBx1	1TB 7200rpm + 128GB SSD M.2 PCIe NVMe	DVD±RW	7-in-1	11ac, 2x2 + BT4.1	USB / USB	System Fan	450W Energy Star	Windows 10 Home 64	1-year, Mail-in	10/17