Lenovo Legion Y720 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

7th Generation Intel® Core™ i5 / i7 Processor

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		

AMD® Ryzen 5 / 7 series processor

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

Intel model: 32GB max, 2400MHz DDR4, four UDIMM sockets
AMD model: 16GB max, 2400MHz DDR4, two UDIMM sockets
System automatically clocks down for the processors with lower memory controller

Disk

Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4
Some: Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2

Optical *(optional)*

DVD±RW, SATA connector, 5.25"

Onboard SATA

Intel model: SATA 6.0Gb/s controller, six SATA 6.0Gb/s connectors
AMD model: 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
Some: NVIDIA® GeForce® GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3
Some: NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1
Some: NVIDIA GeForce GTX 1070, 8GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x3
Some: AMD Radeon RX 570, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, HDMI x1, DP x3
Some: 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

Some: Intel H270 Chipset (support RAID 0)
Some: AMD B350 Chipset

Front ports

Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone connector, headphone connector

Rear ports

Intel model: two USB 2.0, four USB 3.0, PS/2 connector, HDMI (1.4a), ethernet (RJ-45), power connector
AMD model: 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

IEEE 1394

None

Audio support

Intel model: High Definition (HD) Audio, Realtek® ALC1220
AMD model: High Definition (HD) Audio, Realtek ALC892

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

Security features

- Power-on password
- Hard-disk passowrd
- Administrator password

Keyboard *(opt)*

Lenovo® Calioppe Keyboard (USB connector), black

Mouse *(opt)*

Lenovo Calioppe Mouse (USB connector), black

Mechanical

- Tower (34L), black color
- Dimensions (WxDxH): 8.12" x 19.82" x 18.85"; 206.4mm x 503.5mm x 478.9mm
- Weights (net weight): 31.08 lb (14.1 kg)
- Front system fan
- 65W CPU cooler (Intel model); 120W CPU cooler (AMD model)

Bay 1: 5.25", access, optional optical
Bay 2: 5.25", access
Bay 3: 3.5", no access, disk
Bay 4: 3.5", no access, disk
Bay 5: 3.5", no access, disk
Bay 6: 3.5", no access, disk (for AMD model)
Intel mode: one PCIe x16 slot, one PCIe x4 slot, three PCIe x1 slots
AMD model: one PCIe x16 slot, one PCIe x1 slot

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)

- Lenovo® Nerve Center
- Lenovo Solution Center
- Lenovo Companion
- CyberLink PowerDVD

Environment

ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant