Lenovo V530-15ICB Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium® Gold, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2666	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory
32GB max, UDIMM, DDR4-2666*, two 288-pin DIMM sockets, non-ECC, dual-channel capable
System automatically clocks down for the processors with lower memory controller

Storage
Some: 500GB Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm
Some: 1TB Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm
Some: 2TB Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm
Some: 128GB M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: 256GB M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4
Some: 16GB Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical Drive
Some: DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA
Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD)

Card reader
Optional 7-in-1 card reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)

Graphics
Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, one HDMI, supports three independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1080 (VGA)@60Hz
Some: **NVIDIA Geforce® GT 730**, DirectX® 12, **1GB or 2GB**, GDDR5, PCIe 2.0 x8 adapter, one VGA, one HDMI, 35 watts;
Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz

Parallel Cable
Optional

Chipset
Intel B360 Chipset

Front ports
Two USB 3.1 Gen 2, four USB 3.1 Gen 1, microphone (3.5mm), headphone (3.5mm) optional card reader

Rear ports
Two USB 3.1 Gen1, two USB 2.0, one serial, optional parallel, one ethernet (RJ-45), one VGA, one DisplayPort, one HDMI, additional VGA, DisplayPort, or HDMI on optional graphic card on some models

Rear audio ports
Line-in (3.5mm), line-out (3.5mm), microphone (3.5mm)

Audio support
High Definition (HD) Audio, Realtek® ALC662, optional internal speaker (1.5 watt)

WLAN
Some: 11ac wireless, M.2 Card, Realtek 8821CE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1

Bluetooth™
Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet
One gigabit ethernet port, Realtek RTL8111HN, Wake on LAN®

Modem
None

Manageability
None

Security chip
Firmware TPM 2.0

Security features
● One lock to secure both cover and entire system to fixed object:
  -Padlock loop (in rear for opt padlock)
  -Security slot (in rear for optional Kensington® MicroSaver® cable)
● Administrator password
● Hard disk password
● Power-on password
● USB port disablement

Keyboard
Some: Lenovo Calliope Keyboard (USB connector), black

Mouse
Some: Lenovo Calliope Mouse (USB connector), red wheel, black
Some: Lenovo Fingerprint Mouse (USB connector), black

Mechanical
● Tower (15L), black color, metal case
● 5.7" W X 10.9" D X 14.2" H
● 145mm W X 276mm D X 360mm H
● Approx. 12.6 lb (5.7 kg), weight may vary by configuration
Bay 1: Slim external ODD bay
Bay 2: 2.5", internal, HDD/SSD (optional bay, bay comes with disk)
Bay 3: 3.5", internal, HDD/SSD (optional bay, bay comes with disk)
Slot 1: PCIe 3.0 x16
Slot 2: PCIe 3.0 x1
M.2 card slots: Two M.2 (one for WLAN, one for M.2 SSD)

Power supply
180 watts, autosensing, 85% PSU

Limited warranty
Some: **1-year depot repair** or **Carry-in service**
Some: **1-year** or **3-year**, **limited onsite service**

Preload
Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)
● Microsoft Office preloaded; purchase a product key to activate
● Lenovo Vantage
● Lenovo App Explorer
● McAfee® LiveSafe™(30-day trial)

Environment
ENERGY STAR® 7.0 ; EPEAT™ Silver rating; GREENGUARD®; RoHS-compliant

Accessories
For compatible accessories, please go to **http://smartfind.lenovo.com/**

Note: The specifications above may not be available in all regions.