Lenovo V530s-07ICB SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium® Gold, or 8th / 9th 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		
Core i3-8100	4 / 4	3.6G	6 MB		UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB		
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB		
Core i7-9700	8 / 8	3.0G / 4.7G	12 MB		

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: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"

Optane™ Memory

Optional 16GB Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical Drive

Optional DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

Onboard SATA

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

Media reader

Optional 7-in-1 media 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)@60Hz; 2048x1536 (VGA)@75Hz

Parallel Cable

Optional

Chipset

Intel B360 Chipset

Front ports*

Two USB 3.1 Gen 2, two USB 3.1 Gen 1, microphone (3.5mm), combo audio/ microphone jack (3.5mm), optional media reader

Rear ports*

Two USB 3.1 Gen1, two USB 2.0, one serial, optional parallel, optional 2nd serial one ethernet (RJ-45), one VGA, one DisplayPort, one HDMI, additional VGA, DisplayPort, or HDMI on optional graphic card on some models
Optional: Two USB 3.1 Type-C Gen2 via PCIe x4 (only available via special bid model)

Rear audio ports*

Line-out (3.5mm)

** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Audio support

High Definition (HD) Audio, Realtek® ALC233, internal speaker (1.5 watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek 8821CE (dual band), Wi-Fi + Bluetooth 4.2 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 / 4.2 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
- Computrace Support

Keyboard
Mouse

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

Mechanical

- SFF 7.4L (metal chassis), black color, metal case
- Dimension (overall) 3.9" W X 12.0" D X 10.8" H
  100mm W X 304.4mm D X 274.8mm H
  Dimension (metal chassis only) 3.9" W X 10.8" D X 10.6" H
  100mm W x 275mm D x 270mm H
- Approx. 9.3 lb (4.2 kg), weight may vary by configuration

Bay 1: Slim external ODD bay
Bay 2: 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)

Floor Stand

None

Power supply

180 watts, autosensing, 85% PSU

Limited warranty

Some: **1-year depot repair** or **Carry-in service**
Some: **1-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; TCO 8.0(for USB type-C model only)

Accessories

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

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