

# Lenovo V520S SFF 10NM0021++

Region  
EMEA

Machine Type  
10NM

TopSeller  
TopSeller

Processor  
Core i3-7100 (2C, 3.9GHz, 3MB)

Graphics  
Integrated Intel HD Graphics 630

Memory  
4GBx1

Storage  
500GB 7200rpm 3.5"

Optical  
DVD±RW

Media Reader  
7-in-1

WLAN + Bluetooth  
None

Optional Rear Ports  
None

Speaker  
None

Keyboard / Mouse  
USB / USB

Bundled Monitor  
None

Power Supply  
180W 85%

ENERGY STAR  
ENERGY STAR 6.1

Operating System  
None

Warranty  
1-year, Onsite

Global  
No

End of Support  
Aug 1, 2023

Ann Date (mm/yy)  
03/17

## Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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# Lenovo V520S-08IKL SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor						Manageability	None	
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Security chip	Firmware TPM 2.0 (fTPM)	
	Celeron G3930	2 / 2	2.9G	2 MB	DDR4-2133	HD 610	Security features	<ul style="list-style-type: none"><li>● One lock to secure both cover and entire system to fixed object:<ul style="list-style-type: none"><li>-Padlock loop (in rear for opt padlock)</li><li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li></ul></li><li>● Power-on password</li><li>● Administrator password</li><li>● Hard disk password</li><li>● Boot sequence control</li><li>● Boot without keyboard and mouse</li><li>● USB port disablement</li></ul>	
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510			
	Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610			
	Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530			
	Core i5-6400	4 / 4	2.7G / 3.3G	6 MB	DDR4-2133	HD 530			
	Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630			
	Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630			
	Core i5-7500	4 / 4	3.4G / 3.8G	6 MB	DDR4-2400	HD 630			
Core i7-7700	4 / 8	3.6G / 4.2G	8 MB	DDR4-2400	HD 630				
Memory	32GB max, UDIMM, DDR4-2400*, two 288-pin DIMM sockets, non-ECC, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Keyboard Mouse	<i>Some:</i> Lenovo Calliope Keyboard (USB connector), black <i>Some:</i> Lenovo Calliope Mouse (USB connector), black	
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 3.5", 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2 <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm) <i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm) Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD) Optional 7-in-1 media reader						Mechanical	<ul style="list-style-type: none"><li>● SFF (8.4L), black color, metal case</li><li>● 11.4" W X 13.6" D X 3.5" H</li><li>● 290.5mm W X 343.5mm D X 89mm H</li><li>● Approx. 10.5 lb (4.75 kg), weight may vary by configuration</li></ul> Bay 1: Slim external ODD bay Bay 2: 3.5", 1" high, internal, HDD/SSD (optional bay, bay comes with disk) Bay 3: 2.5", internal, HDD/SSD (optional bay, bay comes with disk) Slot 1: Low Profile, PCIe 3.0 x16 Slot 2: Low Profile, PCIe 3.0 x1 M.2 card slots: Two M.2 (one for WLAN, one for SSD/Optane)	
Optical							Floor Stand	None	
Onboard SATA Media reader							Power supply	180 watts, autosensing, 85% PSU	
Graphics	<b>Intel HD Graphics 510/530/610/630</b> 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; <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1080 (VGA)@60Hz <i>Some:</i> <b>NVIDIA GeForce® GT 730</b> , DirectX 12, <b>1GB</b> , PCIe 2.0 x8 adapter, one VGA, one HDMI, 35 watts; <i>Max resolution:</i> 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz <i>Some:</i> <b>NVIDIA GeForce GT 730</b> , DirectX 12, <b>2GB</b> , PCIe 2.0 x8 adapter, two DisplayPort, 35 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort)@60Hz						Limited warranty <sup>3</sup>	<i>Some:</i> <b>1-year</b> or <b>3-year, depot service</b> / service upgrades available <i>Some:</i> <b>1-year</b> or <b>3-year, limited onsite service</b> / service upgrades available	
Monitor Cable							None	Preload	<b>Preloaded operating system</b> <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor) <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"><li>● Microsoft Office preloaded; purchase a product key to activate</li><li>● Lenovo User Guide</li><li>- Only for Window 10</li><li>● Lenovo Companion</li><li>● Lenovo ID</li><li>- Only for Window 7</li><li>● Lenovo Solution Center</li><li>● McAfee® LiveSafe™ (30-day trial)</li><li>● Adobe® Reader®</li></ul>
Chipset							<b>Intel B250 Chipset</b>	Environment	ENERGY STAR® 6.1; EPEAT™ Gold rating (North America); ErP Lot 3; GREENGUARD®; RoHS-compliant
Front ports	Four USB 3.0, microphone (3.5mm), headphone (3.5mm) Two USB 3.0, two USB 2.0, one serial (9-pin), optional parallel (25-pin), one ethernet (RJ-45), one VGA, one DisplayPort, one HDMI, additional VGA, DisplayPort, or HDMI on optional graphic card on some models						Accessories	For compatible accessories, please go to <a href="http://www.lenovoquickpick.com/">http://www.lenovoquickpick.com/</a>	
Rear ports									
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 <sup>13</sup>	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1								
Bluetooth™	<i>Some:</i> Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®								
Modem	None								

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