

# Lenovo V320 (17") 81CN000T++

**Machine Type**  
81CN

**Region**  
EMEA

**Processor**  
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

**Graphics**  
Integrated Intel UHD Graphics 620

**Memory**  
4GB Soldered + 4GB DIMM DDR4-2133

**Display**  
17.3" FHD (1920x1080) IPS

**Multi-touch**  
None

**Storage**  
1TB 5400rpm + 128GB SSD M.2 PCIe

**Optical**  
DVD±RW

**Ethernet**  
100/1000M

**WLAN + Bluetooth**  
11ac, 1x1 + BT4.1

**Dock**  
None

**Color**  
Iron Grey

**Camera**  
720p

**Microphone**  
Monaural

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
Fingerprint Reader

**Battery**  
2-cell (30Wh)

**Power Adapter**  
45W

**Operating System**  
Windows 10 Home 64

**Warranty**  
1-year, Depot

**Ann Date (mm/yy)**  
02/18

**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 V320 (17") Platform Specifications

Product Specifications Reference (PSREF)



Processor	<p><b>V320-17ISK:</b> 6th Generation Intel® Core™ i3 Processor</p> <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>i3-6006U</td> <td>2</td> <td>4</td> <td>2.0 GHz</td> <td>-</td> <td>3MB</td> <td>DDR4-2133</td> <td>Intel HD Graphics 520</td> </tr> </tbody> </table> <p><b>V320-17IKB:</b> Intel Pentium® Processor, 7th Generation Intel Core i3 / i5 / i7 Processor, or 8th Generation Intel Core i5 / i7 Processor</p> <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium 4415U</td> <td rowspan="5">2</td> <td rowspan="5">4</td> <td>2.3 GHz</td> <td>-</td> <td>2MB</td> <td rowspan="5">DDR4-2133</td> <td>Intel HD Graphics 610</td> </tr> <tr> <td>i3-7020U</td> <td>2.3 GHz</td> <td>-</td> <td>3MB</td> <td rowspan="4">Intel HD Graphics 620</td> </tr> <tr> <td>i3-7100U</td> <td>2.4 GHz</td> <td>-</td> <td>3MB</td> </tr> <tr> <td>i3-7130U</td> <td>2.7 GHz</td> <td>-</td> <td>3MB</td> </tr> <tr> <td>i5-7200U</td> <td>2.5 GHz</td> <td>3.1 GHz</td> <td>3MB</td> </tr> <tr> <td>i7-7500U</td> <td rowspan="3">4</td> <td rowspan="3">8</td> <td>2.7 GHz</td> <td>3.5 GHz</td> <td>4MB</td> <td rowspan="3">DDR4-2400</td> <td rowspan="3">Intel UHD Graphics 620</td> </tr> <tr> <td>i5-8250U</td> <td>1.6 GHz</td> <td>3.4 GHz</td> <td>6MB</td> </tr> <tr> <td>i7-8550U</td> <td>1.8 GHz</td> <td>4.0 GHz</td> <td>8MB</td> </tr> </tbody> </table>								Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Pentium 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	i3-7020U	2.3 GHz	-	3MB	Intel HD Graphics 620	i3-7100U	2.4 GHz	-	3MB	i3-7130U	2.7 GHz	-	3MB	i5-7200U	2.5 GHz	3.1 GHz	3MB	i7-7500U	4	8	2.7 GHz	3.5 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	i5-8250U	1.6 GHz	3.4 GHz	6MB	i7-8550U	1.8 GHz	4.0 GHz	8MB	Storage	<p><i>Some:</i> M.2 SSD / PCIe 3.0 x 2</p> <p><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide</p> <p><i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</p> <p>SATA controller Optical <i>(optional)</i> DVD burner, 9.0mm high, fixed, tray-in</p>
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Graphics	<p><b>V320-17ISK:</b> Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and NVIDIA GeForce® 920MX 2GB GDDR5 memory;</p> <p><b>V320-17IKB:</b> Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 610, 620 or Intel UHD Graphics 620 in processor and NVIDIA GeForce® 920MX, 940MX or MX150 2GB GDDR5 memory; supports three independent displays Max resolution: 4096x2304@24Hz (HDMI)</p>								Ethernet	Gigabit Ethernet connection																																																																	
	Chipset	Intel SoC (System on Chip) platform								WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card																																																																
Memory	16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																																	
Display	<p><i>Some:</i> 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio</p> <p><i>Some:</i> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, IPS</p>								Dimensions	WxDxH: 16.45" x 11.51" x 0.98"; 418mm x 292.6mm x 24.9mm																																																																	
Multi-touch	None								Weight	2.8 kg (6.17 lb)																																																																	
									Case color	Iron Grey																																																																	
									Case material	PC/ABS plastic																																																																	
									Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																																																																	
									Ports	Two USB 3.1 Gen 1 / USB 3.0, one USB 3.1 Type C Gen 1 / USB 3.0 Type C, HDMI, Ethernet (RJ-45), audio combo jack																																																																	
									Camera	0.3MP or HD720p, fixed focus																																																																	
									Audio support	HD Audio, stereo speakers, 1.5W x 2 / monaural digital microphone, combo audio/microphone jack																																																																	
									Keyboard	6-row, multimedia Fn keys, numeric keypad																																																																	
									Touchpad	One-piece touchpad with buttons																																																																	
									Security	Power-on password, hard disk password, supervisor password, security keyhole																																																																	
									Security chip	Firmware TPM 2.0, integrated in chipset																																																																	
									Fingerprint reader	<i>Optional:</i> swipe style fingerprint reader on the palm rest (V320-17IKB only)																																																																	
									Battery type	Integrated Polymer 2-cell (30Wh or 35Wh) battery																																																																	
									Battery life	Up to 6hrs																																																																	
									AC adapter	45W or 65W AC adapter																																																																	
									Preload	<ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>McAfee® LiveSafe™ (30-day trial)</li> <li>Lenovo PC Manager</li> <li>LenovoSecuritySuite</li> </ul>																																																																	
									Limited warranty	1-year depot repair service																																																																	
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