

# Lenovo V330 (14") Platform Specifications

Product Specifications Reference (PSREF)

Processor	<p><i>V330-14ISK</i>: 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><i>V330-14IKB</i>: 7th Generation Intel® Core® i5 Processor or</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>i5-7200U</td> <td>2</td> <td>4</td> <td>2.5 GHz</td> <td>3.1 GHz</td> <td>3MB</td> <td>DDR4-2133</td> <td>Intel HD Graphics 620</td> </tr> </tbody> </table> <p>8th Generation Intel Core i3 / 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>i3-8130U</td> <td>2</td> <td>4</td> <td>2.2 GHz</td> <td>3.4 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 rowspan="2">4</td> <td rowspan="2">8</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	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	i7-8550U	1.8 GHz	4.0 GHz	8MB	Dimensions	<p><i>WxDxH</i>: 13.5" x 9.72" x 0.79"; 343mm x 247mm x 20.3mm</p> <table border="1"> <thead> <tr> <th>Models</th> <th>Max w/o 2nd battery</th> <th>Max w/ 2nd battery</th> </tr> </thead> <tbody> <tr> <td><i>Max Weights</i></td> <td>1.75 kg / 3.86 lb</td> <td>1.85 kg / 4.07 lb</td> </tr> </tbody> </table>			Models	Max w/o 2nd battery	Max w/ 2nd battery	<i>Max Weights</i>	1.75 kg / 3.86 lb	1.85 kg / 4.07 lb
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Graphics	<p><i>V330-14ISK</i>: Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and AMD Radeon 530, 2GB GDDR5 VRAM;  <i>V330-14IKB</i>: Intel HD Graphics 620 or UHD Graphics 620 in processor only, or Intel HD Graphics 620 or UHD Graphics 620 in processor and AMD Radeon 530, 2GB GDDR5 VRAM;                      supports three independent displays;                      Max resolution: 3840x2160@30Hz (HDMI); 1920x1200@60Hz (VGA)</p>							Case color	Iron Gray																																																																		
Chipset	Intel SoC (System on Chip) platform							Case material	PC/ABS plastic																																																																		
Memory	20GB max / 2400MHz DDR4, dual-channel capable, up to 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller							Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																																																																		
Display	<p><i>Some</i>: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio  <i>Some</i>: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</p>							Ports	Two USB 3.0 (one with optional Always On), one USB 3.1 Type-C Gen 1, one optional USB 3.1 Type-C Gen 1 (with the function of DisplayPort and PowerDelivery), one optional USB 2.0 in Ultra-bay, VGA, HDMI, Ethernet (RJ-45)																																																																		
Multi-touch	None							Camera (optional)	0.3MP or 720p, fixed focus, physical camera shutter																																																																		
Storage	<p><i>Some</i>: M.2 SSD / SATA 6.0Gb/s  <i>Some</i>: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s  <i>Some</i>: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</p>							Audio support	Stereo speakers with Dolby® Audio™, 2W x 2 / optional monaural or dual-array digital microphone, combo audio/microphone jack																																																																		
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor							Keyboard	6-row, multimedia Fn keys, spill resistant, optional backlit																																																																		
UltraBay (optional)	One modular bay for interchangeable devices (right side), bottom access							Touchpad	One-piece touchpad, multi-touch																																																																		
Ethernet	Gigabit Ethernet connection							Security	Power-on password, hard disk password, supervisor password, security keyhole, optional Active Protection System (APS)																																																																		
WLAN	<p><i>11ac, 1x1 + BT4.1</i>: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card  <i>11ac, 2x2 + BT4.1</i>: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card</p>							Security chip	Firmware TPM 2.0, integrated in chipset																																																																		
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Fingerprint reader	<i>Optional</i> : Touch-type fingerprint reader on the palm rest																																																																		
							Internal battery	Integrated Li-Polymer 2-cell (30Wh or 39Wh)																																																																			
							UltraBay battery	<i>Optional</i> : Li-Polymer 2-cell (39Wh)																																																																			
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							AC adapter	45W or 65W AC adapter																																																																			
							Preload	<p><i>V330-14ISK only</i>:  <i>Some</i>: Windows® 7 Professional 32 preinstalled through downgrade rights in Windows 10 Pro 32  <i>Some</i>: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64</p> <p><i>V330-14ISK and V330-14IKB</i>:  <i>Some</i>: Windows 10 Home 64  <i>Some</i>: Windows 10 Pro 64</p> <ul style="list-style-type: none"> <li>• Lenovo Companion</li> <li>• Lenovo Setting</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul>																																																																			
							Limited warranty	<p><i>One of the following, configurable by model</i>:</p> <ul style="list-style-type: none"> <li>• 1-year depot repair service</li> <li>• 2-year/1-yr battery depot repair service</li> </ul>																																																																			
							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant																																																																			