

Lenovo V130 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	<p><i>V130-15IGM</i>: Intel® Celeron® Processor, Intel Pentium® Silver Processor</p> <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Burst Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>Cel N4000</td> <td>2</td> <td>2</td> <td rowspan="3">1.1 GHz</td> <td>2.6 GHz</td> <td rowspan="3">4MB</td> <td rowspan="3">DDR4-2400</td> <td>Intel UHD Graphics 600</td> </tr> <tr> <td>Cel N4100</td> <td rowspan="2">4</td> <td rowspan="2">4</td> <td>2.4 GHz</td> <td>Intel UHD Graphics 605</td> </tr> <tr> <td>Pen Silver N5000</td> <td>2.7 GHz</td> </tr> </tbody> </table> <p><i>V130-15IKB</i>: Intel Celeron Processor, Intel Pentium Silver Processor, 6th / 7th 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>Cel 3865U</td> <td rowspan="8">2</td> <td rowspan="3">2</td> <td>1.8 GHz</td> <td>-</td> <td>2MB</td> <td rowspan="8">DDR4-2133</td> <td rowspan="3">Intel HD Graphics 610</td> </tr> <tr> <td>Cel 3867U</td> <td>1.8 GHz</td> <td>-</td> <td>2MB</td> </tr> <tr> <td>Pen 4415U</td> <td>2.3 GHz</td> <td>-</td> <td>2MB</td> </tr> <tr> <td>Pen 4417U</td> <td rowspan="5">4</td> <td>2.3 GHz</td> <td>-</td> <td>2MB</td> <td rowspan="5">Intel HD Graphics 520</td> </tr> <tr> <td>i3-6006U</td> <td>2.0 GHz</td> <td>-</td> <td>3MB</td> </tr> <tr> <td>i3-7020U</td> <td>2.3 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> <td rowspan="2">Intel HD Graphics 620</td> </tr> <tr> <td>i7-7500U</td> <td>2.7 GHz</td> <td>3.5 GHz</td> <td>4MB</td> </tr> </tbody> </table>							Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600	Cel N4100	4	4	2.4 GHz	Intel UHD Graphics 605	Pen Silver N5000	2.7 GHz	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Cel 3867U	1.8 GHz	-	2MB	Pen 4415U	2.3 GHz	-	2MB	Pen 4417U	4	2.3 GHz	-	2MB	Intel HD Graphics 520	i3-6006U	2.0 GHz	-	3MB	i3-7020U	2.3 GHz	-	3MB	i5-7200U	2.5 GHz	3.1 GHz	3MB	Intel HD Graphics 620	i7-7500U	2.7 GHz	3.5 GHz	4MB	Ethernet	Gigabit Ethernet connection
Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics																																																																								
Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600																																																																								
Cel N4100	4	4		2.4 GHz			Intel UHD Graphics 605																																																																								
Pen Silver N5000				2.7 GHz																																																																											
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																																																																								
Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610																																																																								
Cel 3867U			1.8 GHz	-	2MB																																																																										
Pen 4415U			2.3 GHz	-	2MB																																																																										
Pen 4417U		4	2.3 GHz	-	2MB		Intel HD Graphics 520																																																																								
i3-6006U			2.0 GHz	-	3MB																																																																										
i3-7020U			2.3 GHz	-	3MB																																																																										
i5-7200U			2.5 GHz	3.1 GHz	3MB			Intel HD Graphics 620																																																																							
i7-7500U			2.7 GHz	3.5 GHz	4MB																																																																										
								WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card																																																																						
								Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																																						
								Dimensions	<i>WxDxH</i> : 14.76" x 9.96" x 0.88"; 375mm x 253mm x 22.3mm																																																																						
								Weight	<i>V130-15IGM</i> : Start weight at 1.85kg (4.08lb) <i>V130-15IKB</i> : Start weight at 1.80kg (3.97lb)																																																																						
								Case color	Iron Gray																																																																						
								Case material	PC/ABS plastic																																																																						
								Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																																																																						
								Ports	<i>V130-15IGM</i> : One USB 3.0, one USB 2.0, HDMI, Ethernet (RJ-45) <i>V130-15IKB</i> : Two USB 3.0, HDMI, Ethernet (RJ-45) <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed.</i>																																																																						
								Camera (optional)	0.3MP or 720p, fixed focus, camera cover																																																																						
								Audio support	Stereo speakers with Dolby® Audio™, 2W x 2 / optional monaural digital microphone, combo audio/microphone jack																																																																						
								Keyboard	6-row, multimedia Fn keys, numeric keypad, spill-resistant																																																																						
								Touchpad	Clickpad, multi-touch																																																																						
								Security	Power-on password, hard disk password, supervisor password, security keyhole																																																																						
								Security chip	Firmware TPM 2.0, integrated in chipset																																																																						
								Fingerprint reader	None																																																																						
								Internal battery	Integrated Li-Ion 2-cell (30Wh)																																																																						
								External battery	None																																																																						
								Max battery life	Up to 6 hours (<i>MobileMark® 2014</i>) <i>* Battery life varies significantly with settings, usage, & other factors.</i>																																																																						
								AC adapter	<i>V130-15IGM</i> : 45W AC adapter <i>V130-15IKB</i> : 45W or 65W AC adapter																																																																						
								Preload	<i>Some</i> : Windows 10 Home 64 <i>Some</i> : Windows 10 Pro 64 <ul style="list-style-type: none"> • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) 																																																																						
								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • 1-year depot repair service • 2-year/1-yr battery depot repair service 																																																																						
								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant																																																																						
Graphics	<p><i>V130-15IGM</i>: Intel UHD Graphics 600 or 605 in processor only; <i>V130-15IKB</i>: Intel HD Graphics 520, 610 or 620 in processor only, or Intel HD Graphics 520, 610 or 620 in processor and AMD Radeon 530, 2GB memory; supports two independent displays; Max resolution: 4096x2304@24Hz (HDMI);</p>																																																																														
Chipset	Intel SoC (System on Chip) platform																																																																														
Memory	<p><i>V130-15IGM</i>: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket <i>V130-15IKB</i>: 12GB max / 2133MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket <i>* System clocks down for processors with lower memory controller</i></p>																																																																														
Display	<p><i>Some</i>: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio <i>Some</i>: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</p>																																																																														
Multi-touch	None																																																																														
Storage	<p><i>Some</i>: M.2 SSD / PCIe 3.0 x 4 NVMe or SATA 6.0Gb/s (<i>V130-15IKB</i> only) <i>Some</i>: M.2 (2242) SSD / PCIe 3.0 x 2 NVMe or SATA 6.0Gb/s (<i>V130-15IGM</i> only) <i>Some</i>: SSD / SATA 6.0Gb/s, 2.5" wide (<i>V130-15IGM</i> only) <i>Some</i>: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</p>																																																																														
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor																																																																														
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in																																																																														