



ideapad 720S (13") Platform Specifications

Product Specifications Reference (PSREF)

Processor	<p>720S-13IKB: 8th Generation Intel® Core™ i5 / i7 Processors</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>i5-8250U</td> <td rowspan="2">4</td> <td rowspan="2">8</td> <td>1.6 GHz</td> <td>3.4 GHz</td> <td>6MB</td> <td rowspan="2">DDR4-2400</td> <td rowspan="2">Intel UHD Graphics 620</td> </tr> <tr> <td>i7-8550U</td> <td>1.8 GHz</td> <td>4.0 GHz</td> <td>8MB</td> </tr> </tbody> </table> <p>720S-13ARR: AMD® Ryzen 5 / 7 series 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>Ryzen 5 2500U</td> <td rowspan="2">4</td> <td rowspan="2">8</td> <td>2.0 GHz</td> <td>3.6 GHz</td> <td rowspan="2">2MB</td> <td rowspan="2">DDR4-2400</td> <td>Radeon™ Vega 8 Graphics</td> </tr> <tr> <td>Ryzen 7 2700U</td> <td>2.2 GHz</td> <td>3.8 GHz</td> <td>Radeon RX Vega 10 Graphics</td> </tr> </tbody> </table>	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	i7-8550U	1.8 GHz	4.0 GHz	8MB	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Ryzen 5 2500U	4	8	2.0 GHz	3.6 GHz	2MB	DDR4-2400	Radeon™ Vega 8 Graphics	Ryzen 7 2700U	2.2 GHz	3.8 GHz	Radeon RX Vega 10 Graphics	<p>Media reader Ports</p> <p>None</p> <p>720S-13IKB: Two USB 3.1 Gen 1 (one for Always On Charging), audio combo jack, one USB 3.1 Type-C Gen 1 (support power delivery) One USB 3.1 Type-C Gen 2 (support Thunderbolt 3, DisplayPort 1.2a, power delivery, HDMI or VGA)</p> <p>720S-13ARR: Two USB 3.1 Gen 1 (one for Always On Charging), audio combo jack, one USB 3.1 Type-C Gen 1 (support power delivery) One USB 3.1 Type-C Gen 1 (support DisplayPort 1.2a, power delivery, HDMI or VGA)</p> <p>Camera Audio support</p> <p>720p HD, 1.0MP resolution, fixed focus HD audio, JBL® speakers with Dolby® Atoms, 1W x 2 / dual array microphone, world facing microphone x 2* (support voice interaction), combo audio / microphone jack *Only for Intel platform</p> <p>Keyboard Touchpad</p> <p>Full-size keyboard, 6-row, multimedia Fn keys, backlight One-piece multi-touch touchpad</p> <p>Security Security chip</p> <p>Power-on password, hard-disk password, administrator password None</p> <p>Fingerprint reader</p> <p><i>Optional:</i> touch style fingerprint reader on the palm rest</p> <p>Battery</p> <p>Integrated Li-Polymer 4-cell (48Wh) battery</p> <p>Max battery life</p> <p><i>MobileMark® 2014:</i> up to 8 hrs</p> <p>AC adapter</p> <p>45-watt AC adapter</p> <p>Limited warranty</p> <ul style="list-style-type: none"> • 1-year depot repair service • 2-year/1-yr battery depot repair service <p>Preload</p> <p><i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • Lenovo® App Explorer • Lenovo ID • Lenovo Settings • McAfee® LiveSafe™ (30-day trial) <p>Environment</p> <p>ENERGY STAR® 6.1; RoHS-compliant</p>
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																																			
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620																																			
i7-8550U			1.8 GHz	4.0 GHz	8MB																																					
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Ryzen 5 2500U	4	8	2.0 GHz	3.6 GHz	2MB	DDR4-2400	Radeon™ Vega 8 Graphics																																			
Ryzen 7 2700U			2.2 GHz	3.8 GHz			Radeon RX Vega 10 Graphics																																			
Graphics	<p>Intel UHD Graphics 620 or AMD Radeon Graphics in processor only; Max resolution: 4096x2160@24Hz (HDMI); 4096x2160@60Hz (DP); 1920x1080@24Hz (VGA)</p>																																									
Chipset	<p>Intel or AMD SoC (System on Chip) platform</p>																																									
Memory	<p>720S-13IKB: 8GB max / 2400MHz DDR4, soldered to systemboard 720S-13ARR: 8GB max / 2133MHz DDR4, soldered to systemboard * System clocks down for processors with lower memory controller</p>																																									
Display	<p><i>Some:</i> 13.3" (378mm) FHD (1920x1080), IPS, LED backlight, 300 nits, anti-glare, 16:9 aspect ratio <i>Some:</i> 13.3" (378mm) UHD (3840x2160), IPS, LED backlight, 300 nits, glossy, 16:9 aspect ratio</p>																																									
Multi-touch	None																																									
Storage	M.2 SSD / PCIe 3.0 x 4																																									
Optical	None																																									
Ethernet WLAN	<p>None</p> <p><i>Some:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>Some:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card</p>																																									
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																									
Dimensions	<p><i>WxDxH:</i> 12" x 8.4" x 0.54"; 305.9mm x 213.82mm x 13.6mm</p>																																									
Weight	1.14kg (2.4lb)																																									
Case color	Platinum silver, champagne gold or iron grey																																									
Case material	<i>Top:</i> aluminum; <i>bottom:</i> aluminum																																									

ideapad 720S (13") - 81BR

Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Microphone	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
81BR003PUS	ideapad 720S-13ARR	NA	US	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1 DDR4-2133	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe	None	11ac, 1x1 + BT4.1	Platinum Silver	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	01/18
81BR003QUS	ideapad 720S-13ARR	NA	US, Canada	AMD Ryzen 7 2700U	AMD RX Vega 10 Graphics	8GBx1 DDR4-2133	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe	None	11ac, 1x1 + BT4.1	Platinum Silver	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Pro 64	1-year, Depot	02/18
81BR003RUS	ideapad 720S-13ARR	NA	US, Canada	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1 DDR4-2133	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe	None	11ac, 1x1 + BT4.1	Platinum Silver	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	02/18
81BR004FCF	ideapad 720S-13ARR	NA	Canada	AMD Ryzen 5 2500U	AMD Vega 8 Graphics	8GBx1 DDR4-2133	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe	None	11ac, 1x1 + BT4.1	Platinum Silver	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	01/18

ideapad 720S (13") - 81BV

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Model	Product	Region	Country	Processor	Graphics	Memory	Display	Multi-touch	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Microphone	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
81BV002EUS	ideapad 720S-13IKB	NA	US, Canada	i7-8550U	Intel UHD 620	8GBx1 DDR4-2400	13.3" UHD (3840x2160) IPS	None	1TB SSD M.2 PCIe	None	11ac, 2x2 + BT4.1	Iron Grey	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	11/17
81BV002FUS	ideapad 720S-13IKB	NA	US, Canada	i7-8550U	Intel UHD 620	8GBx1 DDR4-2400	13.3" UHD (3840x2160) IPS	None	512GB SSD M.2 PCIe	None	11ac, 2x2 + BT4.1	Iron Grey	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	11/17
81BV002GUS	ideapad 720S-13IKB	NA	US, Canada	i7-8550U	Intel UHD 620	8GBx1 DDR4-2400	13.3" FHD (1920x1080) IPS	None	512GB SSD M.2 PCIe	None	11ac, 2x2 + BT4.1	Iron Grey	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	11/17
81BV002HUS	ideapad 720S-13IKB	NA	US, Canada	i5-8250U	Intel UHD 620	8GBx1 DDR4-2400	13.3" FHD (1920x1080) IPS	None	256GB SSD M.2 PCIe	None	11ac, 2x2 + BT4.1	Iron Grey	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	11/17
81BV002QCF	ideapad 720S-13IKB	NA	Canada	i7-8550U	Intel UHD 620	8GBx1 DDR4-2400	13.3" UHD (3840x2160) IPS	None	1TB SSD M.2 PCIe	None	11ac, 2x2 + BT4.1	Iron Grey	1.0MP	Dual Array	Backlit	Fingerprint Reader	4-cell (48Wh)	45W	Windows 10 Home 64	1-year, Depot	11/17