

ideapad 320S (15") Platform Specifications - 15IKB

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processor								Ethernet	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card	
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	i7-7500U			2.7 GHz	3.5 GHz	4MB			Ports	One USB 3.1 Gen 1 (USB 3.0), one USB 2.0 Always On, one USB 3.1 Type-C Gen 1, HDMI 1.4b	
	8th Generation Intel Core i5 / i7 Processor								Dimensions	WxDxH: 14.28" x 9.92" x 0.78"; 362.7mm x 252mm x 19.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	1.89 kg (4.17 lb)	
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2133	Intel UHD Graphics 620	Case color	Display cover: mineral grey or snow white	
	i7-8550U			1.8 GHz	4.0 GHz	8MB			Bottom: platinum silver or snow white		
											Case material
											Bottom: PC/ABS plastic
Graphics	Integrated Graphics in Processor			Discrete Graphics (Memory)					Camera	0.3MP with integrated monaural microphone or HD720p (1.0MP) with array microphone, fixed focus	
	Intel HD Graphics 620			-					Audio support	HD Audio by Harman, stereo speakers with Dolby® Audio, 2W x 2 / monaural or array microphone, combo audio / microphone jack	
	Intel UHD Graphics 620			-					Keyboard	6-row, multimedia Fn keys, optional LED backlight	
	Intel HD / UHD Graphics 620			NVIDIA® GeForce® 920MX (2GB GDDR5)					Touchpad	One-piece multi-touch touchpad	
	Intel HD / UHD Graphics 620			NVIDIA GeForce 940MX (2GB GDDR5)					Security	Power-on password, hard disk password, supervisor password, security keyhole	
	Intel UHD Graphics 620			NVIDIA GeForce MX110 (2GB GDDR5)					Security chip	None	
	Intel UHD Graphics 620			NVIDIA GeForce MX130 (2GB GDDR5)					Fingerprint reader	None	
	supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)								Battery	Integrated Li-Polymer 2-cell (30Wh) or 3-cell (52.5Wh) battery	
									Max battery life	MobileMark® 2014: 8 hr (30Wh) / 9 hr (52.5Wh)	
									AC adapter	45W or 65W AC adapter	
Chipset	Intel SoC (System on Chip) platform								Preload	Windows® 10 Home 64	
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">• 1-year depot repair service• 2-year/1-yr battery depot repair service	
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
	Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio										
Multi-touch	None										
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: M.2 SSD / PCIe 3.0 x 4, 32Gb/s										
Optical (optional)	DVD burner, 9.5mm high, fixed, not removable, tray-in										

Note: The specifications above may not be available in all regions.

Lenovo
August 2018