

ideapad 320S (15") Platform Specifications

Product Specifications Reference (PSREF)

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