

ideapad 320S (13") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® 7th / 8th Generation Intel Core™ i3 / i5 / i7 Processor								Dimensions	<i>WxDxH:</i> 12.1" x 8.3" x 0.67"; 307.4mm x 211mm x 16.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	1.2 kg (2.65 lb)
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Case color	Mineral grey, Gold
	i3-7100U			2.4 GHz					Case material	<i>Display cover:</i> Aluminum <i>Bottom:</i> PC/ABS plastic
	i3-8130U	4	8	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Camera	HD720p (1.0MP), fixed focus
i5-8250U	1.6 GHz			3.4 GHz	6MB	Audio support			HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / dual array microphone, audio combo jack	
i7-8550U	1.8 GHz			4.0 GHz	8MB	Keyboard			6-row, multimedia Fn keys, backlight	
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA GeForce MX 150, 2GB memory; supports external independent display; Max resolution: 3840x2160@30Hz (HDMI)								Touchpad	One-piece multi-touch touchpad
Chipset	Intel SoC (System on Chip) platform								Security	Power-on password, hard disk password, supervisor password, security keyhole
Memory	4GB or 8GB / 2400MHz DDR4 / soldered to systemboard, no sockets <i>* System clocks down for processors with lower memory controller</i>								Security chip	None
Display	13.3" (378mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio								Fingerprint reader	None
Multi-touch	None								Battery	Integrated Li-Polymer 36Wh battery
Storage	<i>Some:</i> M.2 (2242) SSD / PCIe 3.0 x 2 <i>Some:</i> M.2 SSD / PCIe 3.0 x 4								Max battery life	<i>MobileMark® 2014:</i> 7 hrs
Optical	None								AC adapter	65W AC adapter, support rapid charge
Ethernet	None								Preload	<i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® App Explorer • Lenovo ID • Lenovo Companion • McAfee® LiveSafe™ (30-day trial)
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, PCIe Card								Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant
Card reader	Micro SD									
Ports	One USB 3.1 Type-C Gen 1, one USB 3.1 Gen 1 (USB Charging), one USB 2.0, AC power adapter jack, HDMI, audio combo jack									

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

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