

ideapad 320S (13") 81AK008WGE

Product
ideapad 320S-13IKB

Region
WE

Country
Germany

Machine Type
81AK

Processor
Core i7-8550U (4C, 1.8 / 4.0GHz, 8MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
8GB Soldered DDR4-2400

Display
13.3" FHD (1920x1080) IPS

Multi-touch
None

Storage
512GB SSD M.2 PCIe NVMe

Optical
None

Ethernet
None

WLAN + Bluetooth
11ac, 1x1 + BT4.1

Color
Mineral Grey

Camera
1.0MP

Microphone
Dual Array

Keyboard
Backlit

Fingerprint Reader
None

Battery
36Wh

Power Adapter
65W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
10/17

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.



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ideapad 320S (13") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® 7th / 8th Generation Intel Core™ i3 / i5 / i7 Processor								Dimensions	WxDxH: 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	Display cover: Aluminum
	i3-8130U			2.2 GHz					3.4 GHz	4MB
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	Camera	HD720p (1.0MP), fixed focus
i7-8550U	1.8 GHz			4.0 GHz	8MB	Audio support			HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / dual array microphone, audio combo jack	
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)								Keyboard	6-row, multimedia Fn keys, backlight
									Touchpad	One-piece multi-touch touchpad
									Security	Power-on password, hard disk password, supervisor password, security keyhole
									Security chip	None
Chipset	Intel SoC (System on Chip) platform								Fingerprint reader	None
									Battery	Integrated Li-Polymer 36Wh battery
Memory	4GB or 8GB / 2400MHz DDR4 / soldered to systemboard, no sockets * System clocks down for processors with lower memory controller								Max battery life	MobileMark® 2014: 7 hrs
									AC adapter	65W AC adapter, support rapid charge
Display	13.3" (378mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio								Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® App Explorer • Lenovo ID • Lenovo Companion • McAfee® LiveSafe™ (30-day trial)
Multi-touch	None								Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 2-year/1-yr battery depot repair service
Storage	Some: M.2 (2242) SSD / PCIe 3.0 x 2 Some: M.2 SSD / PCIe 3.0 x 4									
Optical	None									
Ethernet	None									
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, PCIe Card								Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
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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