

ideapad 320S (13") 81AK007AGE

Region
WE

Country
Germany

Machine Type
81AK

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

Graphics
NVIDIA GeForce MX150 2GB GDDR5

Memory
8GB Soldered DDR4-2400

Display
13.3" FHD (1920x1080) IPS

Multi-touch
None

Storage
256GB 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)
08/17

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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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	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
Multi-touch	None									Some: Windows 10 Pro 64
Storage	Some: M.2 (2242) SSD / PCIe 3.0 x 2									Preloaded applications (only some listed)
	Some: M.2 SSD / PCIe 3.0 x 4									• Lenovo® App Explorer
Optical	None									• Lenovo ID
										• Lenovo Companion
Ethernet	None									• McAfee® LiveSafe™ (30-day trial)
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, PCIe Card								Limited warranty	One of the following, configurable by model:
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									• 1-year depot repair service
Card reader	Micro SD 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								Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant
Ports										

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