

ideapad 320S (14") 81BN008CGE

Product
ideapad 320S-14IKB

Region
WE

Country
Germany

Machine Type
81BN

Processor
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
8GB DDR4-2400 DIMM

Display
14" FHD (1920x1080) IPS

Multi-touch
None

Storage
128GB SSD

Optical
None

Ethernet
None

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

Color
Mineral Grey

Camera
720p

Microphone
Dual Array

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
45W

Operating System
None

Warranty
2-year, Depot

Ann Date (mm/yy)
01/18

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 (14") Platform Specifications - 14IKB

Product Specifications Reference (PSREF)

Processor	Intel Pentium® Processor, 7th Generation Intel® Core™ i3 / i5 / i7 Processor, or								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	
	Pen 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	i3-7100U			2.4 GHz	-	3MB		Intel HD Graphics 620			
	i3-7130U			2.7 GHz	-	3MB					
	i5-7200U			2.5 GHz	3.1 GHz	3MB					
	i7-7500U			2.7 GHz	3.5 GHz	4MB					
	8th Generation Intel Core i3 / i5 / i7 Processor								Case material	Dimensions Weight Case color	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Bottom: platinum silver, snow white, or coral red Display cover: aluminum stamping Bottom: PC/ABS plastic		
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Camera	0.3MP with integrated monaural microphone or HD720p (1.0MP) with array microphone, fixed focus	
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	Audio support			HD Audio by Harman, stereo speakers with Dolby® Audio, 2W x 2 / monaural or array microphone, combo audio / microphone jack		
i7-8550U			1.8 GHz	4.0 GHz	8MB						
Graphics	Integrated Graphics in Processor			Discrete Graphics (Memory)					Keyboard	6-row, multimedia Fn keys	
	Intel HD Graphics 610 / 620			-					Touchpad	One-piece multi-touch touchpad	
	Intel UHD Graphics 620			-					Security	Power-on password, hard disk password, supervisor password, security keyhole	
	Intel HD Graphics 610 / 620			NVIDIA® GeForce® 920MX (2GB GDDR5)					Security chip	None	
	Intel UHD Graphics 620			NVIDIA GeForce 920MX (2GB GDDR5)					Fingerprint reader	None	
	Intel UHD Graphics 620			NVIDIA GeForce MX110 (2GB GDDR5)					Battery	Integrated Li-Polymer 2-cell (30Wh) or 3-cell (52.5Wh) battery	
	supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)								Max battery life	MobileMark® 2014: 7 hr (30Wh) / 12 hr (52.5Wh)	
Chipset	Intel SoC (System on Chip) platform								AC adapter	45W or 65W AC adapter	
Memory	8GB max / 2133MHz or 2400MHz DDR4, one DDR4 SO-DIMM socket								Preload	Windows® 10 Home 64	
Display	<i>Some:</i> 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio								Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service	
Multi-touch	None								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
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										
Optical (optional)	DVD burner, 9.5mm high, fixed, not removable, tray-in										

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

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