

ideapad 320 (17") Intel 81BJ001QGE

Region
WE

Country
Germany

Machine Type
81BJ

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

Graphics
NVIDIA GeForce MX150 4GB GDDR5

Memory
4GB Soldered + 8GB DIMM DDR4-2133

Display
17.3" HD+ (1600x900) Anti-glare

Multi-touch
None

Storage
1TB 5400rpm + 256GB SSD

Optical
None

Ethernet
100/1000M

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

Color
Platinum Grey

Camera
720p

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
65W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
09/17

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 320 (17") Intel Platform Specifications - 17IKB

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor,								Storage <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> M.2 SSD / PCIe 3.0, 8Gb/s Optical (<i>optional</i>) DVD burner, 9.0mm high, fixed, not removable, tray-in Ethernet Gigabit Ethernet connection WLAN 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Dimensions <i>WxDxH:</i> 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm Weight 2.8 kg (6.17 lb) Case color Onyx black or platinum grey Case material PC/ABS plastic Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45) Camera 0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone Audio support HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack Keyboard 6-row, multimedia Fn keys, numeric keypad Touchpad One-piece multi-touch touchpad Security Power-on password, hard disk password, supervisor password, security keyhole Security chip None Fingerprint reader <i>Optional:</i> touch style fingerprint reader on the palm rest Battery integrated Li-Ion 30Wh or 35Wh battery Max battery life <i>MobileMark® 2014:</i> 6 hr AC adapter 45W or 65W AC adapter Preload Windows® 10 Home 64 Limited warranty <i>One of the following, configurable by model:</i> • 1-year mail-in repair service • 1-year depot repair service • 2-year/1-yr battery depot repair service Environment EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520		
	i5-6200U			2.3 GHz	2.8 GHz	3MB				
	i7-6500U			2.5 GHz	3.1 GHz	4MB				
	Intel Pentium® Processor, 7th Generation Intel Core i3 / i5 / i7 Processor, or									
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	Pen 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610		
	i3-7100U			2.4 GHz	-	3MB		Intel HD Graphics 620		
	i5-7200U			2.5 GHz	3.1 GHz	3MB				
i7-7500U	2.7 GHz			3.5 GHz	4MB					
8th Generation Intel Core i5 / i7 Processor										
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2133	Intel UHD Graphics 620			
i7-8550U			1.8 GHz	4.0 GHz	8MB					
Graphics	Integrated Graphics in Processor			Discrete Graphics (Memory)						
	Intel HD Graphics 520 / 610 / 620			-						
	Intel UHD Graphics 620			-						
	Intel HD Graphics 610 / 620			NVIDIA® GeForce® 920MX (2GB GDDR5)						
	Intel HD Graphics 610 / 620			NVIDIA GeForce 940MX (2GB / 4GB GDDR5)						
	Intel UHD Graphics 620			NVIDIA GeForce MX150 (2GB or 4GB GDDR5)						
	supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)									
Chipset	Intel SoC (System on Chip) platform									
Memory	16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket									
Display	<i>Some:</i> 17.3" (439mm) HD+ (1600x900), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio, 72% gamut <i>Some:</i> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut									
Multi-touch	None									

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

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ideapad 320 (17") Intel Platform Specifications - 17ISK

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions Weight Case color Case material	WxDxH: 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm 2.8 kg (6.17 lb) Onyx black or platinum grey PC/ABS plastic
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520		
	i5-6200U			2.3 GHz	2.8 GHz	3MB				
i7-6500U	2.5 GHz			3.1 GHz	4MB					
Graphics	Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and NVIDIA GeForce 920MX (2GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)								Camera	0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Audio support	HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack
	Display	Some: 17.3" (439mm) HD+ (1600x900), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio, 72% gamut Some: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut								Keyboard
Multi-touch	None								Touchpad	One-piece multi-touch touchpad
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high								Security	Power-on password, hard disk password, supervisor password, security keyhole
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								Security chip	None
Ethernet	Gigabit Ethernet connection								Fingerprint reader	None
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card								Battery	integrated Li-Ion 30Wh or 35Wh battery
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Max battery life	MobileMark® 2014: 6 hr
									AC adapter	45W or 65W AC adapter
									Preload	Windows® 10 Home 64
									Limited warranty	One of the following, configurable by model: • 1-year mail-in repair service • 1-year depot repair service • 2-year/1-yr battery depot repair service
									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

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