

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
	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)						
			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								
Environment								EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
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> <ul style="list-style-type: none"> • 1-year mail-in repair service • 1-year depot repair service • 2-year/1-yr battery depot repair service 	

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

Lenovo
August 2018

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

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	<i>WxDxH:</i> 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2.8 kg (6.17 lb)
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Case color	Onyx black or platinum grey
	i5-6200U			2.3 GHz	2.8 GHz	3MB			Case material	PC/ABS plastic
i7-6500U	2.5 GHz			3.1 GHz	4MB	Media reader			4-in-1 reader (MMC, SD, SDHC, SDXC)	
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)								Ports	Two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45)
Chipset	Intel SoC (System on Chip) platform								Camera	0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone
Memory	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	<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								Keyboard	6-row, multimedia Fn keys, numeric keypad
Multi-touch	None								Touchpad	One-piece multi-touch touchpad
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								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	<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

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