

ideapad 320 (15") Intel Platform Specifications - 15IAP

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® processor or Intel Pentium® Processor								Dimensions	<i>WxDxH:</i> 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2.2 kg (4.85 lb)
	Cel N3350	2	2	1.1 GHz	2.4 GHz	2MB	DDR3L-1600	Intel HD Graphics 500	Case color	Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)
	Cel N3450	4	4	1.1 GHz	2.2 GHz			Intel HD Graphics 505	Case material	PC/ABS plastic
Pen N4200	4	4	1.1 GHz	2.5 GHz				Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
								Ports	one USB 3.1 Gen 1 (USB 3.0), one USB 2.0, HDMI 1.4b, Ethernet (RJ-45)	
Graphics	Intel HD Graphics 500 or 505 in processor only, or Intel HD Graphics 500 or 505 in processor and AMD Radeon 530 (2GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)								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
Chipset	Intel SoC (System on Chip) platform								Keyboard	6-row, multimedia Fn keys, numeric keypad
Memory	8GB max / 1600MHz DDR3L, one DDR3L SO-DIMM socket								Touchpad	One-piece multi-touch touchpad
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								Security	Power-on password, hard disk password, supervisor password, security keyhole
									Multi-touch	None
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								Fingerprint reader	None
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								Battery	integrated Li-Ion 30Wh or 35Wh battery
Ethernet	10/100M Ethernet connection								Max battery life	<i>MobileMark® 2014:</i> 6 hr
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card								AC adapter	45W or 65W AC adapter
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo 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

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

Lenovo
August 2018

ideapad 320 (15") Intel Platform Specifications - 15IKB

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> 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm Weight 2.2 kg (4.85 lb) Case color Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available) 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 Security chip None 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			
	i3-7130U			2.7 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 HD Graphics 610 / 620		NVIDIA® GeForce® 920MX (2GB GDDR5)						
	Intel UHD Graphics 620		NVIDIA GeForce 940MX (2GB / 4GB GDDR5)						
	Intel UHD Graphics 620		AMD Radeon 530 (2GB / 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> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								
Multi-touch	None								

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ideapad 320 (15") Intel Platform Specifications - 15ISK

Product Specifications Reference (PSREF)

Processor	6th Generation Intel Core™ i3 / i5 / i7 Processor								Dimensions	<i>WxDxH</i> : 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2.2 kg (4.85 lb)
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Case color	Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)
	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> : 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some</i> : 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								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> <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
									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

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