

ideapad 320 (15") Intel 80XR019HSP

Product
ideapad 320-15IAP

Region
WE

Country
Spain

Machine Type
80XR

Processor
Celeron N3350 (2C, 1.1 / 2.4GHz, 2MB)

Graphics
Integrated Intel HD Graphics 500

Memory
4GB DDR3L-1600 DIMM

Display
15.6" HD (1366x768)

Multi-touch
None

Storage
500GB 5400rpm

Optical
None

Ethernet
10/100M

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

Color
Onyx Black

Camera
0.3MP

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
45W

Operating System
None

Warranty
2-year, Depot

Ann Date (mm/yy)
11/17

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.
<https://www.lenovo.com/hk/en/battery-info>



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

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® processor or Intel Pentium® Processor								Dimensions	WxDxH: 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 Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) 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	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 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
									Security chip	None
Multi-touch	None								Fingerprint reader	None
									Battery	integrated Li-Ion 30Wh or 35Wh battery
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high								Max battery life	MobileMark® 2014: 6 hr
									AC adapter	45W or 65W AC adapter
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								Preload	Windows® 10 Home 64
Ethernet	10/100M Ethernet connection								Limited warranty	One of the following, configurable by model: <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
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
Bluetooth™										

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

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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 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 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		
	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 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)						
				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	WxDxH: 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)
									Camera	0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone
Chipset	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
									Keyboard	6-row, multimedia Fn keys, numeric keypad
Memory									Touchpad	One-piece multi-touch touchpad
									Security	Power-on password, hard disk password, supervisor password, security keyhole
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio								Security chip	None
									Fingerprint reader	None
Multi-touch	None								Battery	integrated Li-Ion 30Wh or 35Wh battery
									Max battery life	MobileMark® 2014: 6 hr
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high								AC adapter	45W or 65W AC adapter
									Preload	Windows® 10 Home 64
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								Limited warranty	One of the following, configurable by model: <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
Ethernet	Gigabit Ethernet connection								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card									
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									

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