

# ideapad 520 (15") 81BF00LPSP

**Product**  
ideapad 520-15IKB

**Region**  
WE

**Country**  
Spain

**Machine Type**  
81BF

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

**Graphics**  
NVIDIA GeForce MX150 2GB GDDR5

**Memory**  
4GB Soldered + 4GB DIMM DDR4-2133

**Display**  
15.6" FHD (1920x1080) IPS

**Multi-touch**  
None

**Storage**  
256GB SSD 2.5"

**Optical**  
9.0mm DVD±RW

**Ethernet**  
100/1000M

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

**Color**  
Iron Grey

**Camera**  
720p

**Microphone**  
Dual Array

**Keyboard**  
Backlit

**Fingerprint Reader**  
Fingerprint Reader

**Battery**  
2-cell (30Wh)

**Power Adapter**  
65W

**Operating System**  
Windows 10 Home 64

**Warranty**  
2-year, Depot

**Ann Date (mm/yy)**  
11/18

**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 520 (15") Platform Specifications

Product Specifications Reference (PSREF)



Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processor								Ethernet WLAN	Gigabit Ethernet connection Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Bluetooth™	Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Dimensions	<i>WxDxH:</i> 14.88" x 10.23" x 0.87" (378mm x 260mm x 22mm)
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Weight	2.2kg (4.85lb)
	i7-7500U			2.7 GHz	3.5 GHz	4MB			Case color	Iron Grey/Gold/ Bronze
	Or 8th Generation Intel Core i3 / i5 / i7 Processor								Case material	Metal
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0 type c, two USB 3.0, HDMI, Ethernet (RJ-45), audio combo jack
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Camera	HD720p (1.0MP), fixed focus, combo array microphone
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB			Audio support	HD Audio, Harman® stereo speakers with Dolby® Audio, 2W x 2 / dual array microphone, combo audio / microphone jack
	i7-8550U			1.8 GHz	4.0 GHz	8MB			Keyboard	6-row, multimedia Fn keys, optional backlight, numeric keypad
Graphics	Intel HD Graphics 620 in processor only, or Intel HD Graphics 620 in processor and NVIDIA GeForce 940MX or MX150, 2GB or 4GB DDR3L or GDDR5 memory Max resolution: 1920x1080@60Hz (HDMI);								Touchpad	One-piece touchpad with buttons
Chipset	Intel Soc (System on Chip) platform								Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None
Memory	16GB max / 2400MHz* DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller								Fingerprint reader	<i>Optional:</i> touch style fingerprint reader on the palm rest
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, 250 nits, 16:9 aspect ratio, IPS								Battery type	Integrated Li-Polymer 2-cell (30Wh or 35Wh) battery
Multi-touch	None								Max battery life	MobileMark® 2014: 6 hr
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: M.2 SSD / PCIe 3.0 x 2, 16Gb/s								AC adapter	45W or 65W AC adapter
Optical (opt)	DVD burner, 9.0mm high, fixed, not removable, tray-in								Preload	Windows® 10 Home 64 Windows 10 Pro 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	ENERGY STAR® 6.1; RoHS-compliant

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Lenovo  
July 2018

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