

# 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	WxDxH: 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 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								Security	Power-on password, hard disk password, supervisor password, security keyhole	
Memory									Security chip	None	
									Fingerprint reader	Optional: touch style fingerprint reader on the palm rest	
									Battery type	Integrated Li-Polymer 2-cell (30Wh or 35Wh) battery	
									Max battery life	MobileMark® 2014: 6 hr	
									AC adapter	45W or 65W AC adapter	
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								Preload	Windows® 10 Home 64 Windows 10 Pro 64	
Multi-touch	None								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	
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								Environment	ENERGY STAR® 6.1; RoHS-compliant	
Optical (opt)	DVD burner, 9.0mm high, fixed, not removable, tray-in										

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

Lenovo  
July 2018