



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	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
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Camera	HD720p (1.0MP), fixed focus, combo array microphone	
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Audio support	HD Audio, Harman® stereo speakers with Dolby® Audio, 2W x 2 / dual array microphone, combo audio / microphone jack	
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB			Keyboard	6-row, multimedia Fn keys, optional backlight, numeric keypad	
	i7-8550U			1.8 GHz	4.0 GHz	8MB			Touchpad	One-piece touchpad with buttons	
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);							Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None		
Chipset	Intel Soc (System on Chip) platform							Fingerprint reader	<i>Optional:</i> touch style fingerprint reader on the palm rest		
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							Battery type	Integrated Li-Polymer 2-cell (30Wh or 35Wh) battery		
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio							Max battery life	MobileMark® 2014: 6 hr		
	Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, IPS							AC adapter	45W or 65W AC adapter		
Multi-touch	None							Preload	Windows® 10 Home 64 Windows 10 Pro 64		
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							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		
Optical (opt)	DVD burner, 9.0mm high, fixed, not removable, tray-in							Environment	ENERGY STAR® 6.1; RoHS-compliant		

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

Lenovo
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ideapad 520 (15") - 80YL

Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	Color	Camera	Keyboard	Fingerprint Reader	Battery	Power Adapter	Operating System	Warranty	Ann Date (mm/yy)
80YL00P7US	ideapad 520-15IKB	NA	US, Canada	i5-7200U	Intel HD 620	4GB + 4GB DDR4-2133	15.6" FHD (1920x1080) IPS	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	None	2-cell (35Wh)	45W	Windows 10 Home 64	1-year, Mail-in	06/17
80YL00P8US	ideapad 520-15IKB	NA	US, Canada	i7-7500U	940MX 2GB	4GB + 8GB DDR4-2133	15.6" FHD (1920x1080) IPS	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	None	2-cell (35Wh)	65W	Windows 10 Home 64	1-year, Mail-in	06/17
80YL00QBCF	ideapad 520-15IKB	NA	Canada	i7-7500U	940MX 2GB	4GB + 8GB DDR4-2133	15.6" FHD (1920x1080) IPS	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	None	2-cell (35Wh)	65W	Windows 10 Home 64	1-year, Mail-in	06/17
80YL00QCCF	ideapad 520-15IKB	NA	Canada	i5-7200U	Intel HD 620	4GB + 4GB DDR4-2133	15.6" FHD (1920x1080) IPS	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	None	2-cell (35Wh)	45W	Windows 10 Home 64	1-year, Mail-in	06/17
80YL00SWCF	ideapad 520-15IKB	NA	Canada	i7-7500U	940MX 2GB	4GB + 8GB DDR4-2133	15.6" FHD (1920x1080) IPS	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	None	2-cell (35Wh)	65W	Windows 10 Home 64	1-year, Mail-in	08/17
80YL00U9US	ideapad 520-15IKB	NA	US, Canada	i7-7500U	940MX 2GB	4GB + 8GB DDR4-2133	15.6" HD (1366x768)	1TB 5400rpm	9.0mm DVD±RW	11ac, 1x1 + BT4.1	Iron Grey	720p	Non-backlit	Fingerprint Reader	2-cell (30Wh)	65W	Windows 10 Home 64	1-year, Mail-in	12/17