

# ideapad 510-15 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th or 7th Generation Intel® Core™ i3 / i5 / i7 Processor							Dimensions	<i>WxDxH:</i> 14.92" x 10.24" x 0.90" (379mm x 260mm x 22.9mm)	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Types	Processor Graphics	Weight	2.2kg (4.85lb)
	i3-6100U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Case color	Black, white or silver
	i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB			Case material	PC/ABS plastic
	i7-6500U	2	4	2.5 GHz	3.1 GHz	4MB		Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB		Ports	One USB 2.0, two USB 3.0, VGA, HDMI, Ethernet (RJ-45), audio combo jack	
i7-7500U	2	4	2.7 GHz	3.5 GHz	4MB	Camera		1.0MP (HD720P), fixed focus, combo array microphone		
Graphics	Intel HD Graphics 520 or Intel HD Graphics 620 in processor only, or Intel HD Graphics 520 in processor and NVIDIA® GeForce® 940MX, or Intel HD Graphics 620 in processor and NVIDIA GeForce 940MX, 2GB or 4GB memory supports dual independent display Max resolution: 1920x1080@60Hz (HDMI); 1920x1200@60Hz (VGA)							Keyboard	6-row, multimedia Fn keys, optional backlight, numeric keypad	
								Touchpad	One-piece touchpad with buttons	
Chipset	Intel Soc (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password, security keyhole	
	Memory	12GB max / PC4-17000 2133MHz DDR4, 4GB memory soldered to systemboard, one 260-pin SO-DIMM socket						Security chip	None	
Display	15.6" (396mm) FHD (1920x1080) color, LED backlight, IPS, 200 nits, 16:9 aspect ratio							Fingerprint reader	None	
	Multi-touch	None						Battery type	Integrated Li-Polymer 2-cell (39Wh) battery	
Storage	<i>Some:</i> HDD / 2.5" wide, 5400 rpm, 7mm or 9.5mm high <i>Some:</i> SSD / SATA 6.0 Gb/s, 2.5" wide							Battery life	Up to 5hr	
SATA controller	Serial ATA, SATA 6.0Gb/s support							AC adapter	<i>Integrated model:</i> 45-watt AC adapter; <i>Discrete model:</i> 65-watt AC adapter	
Optical (opt)	DVD±RW, 9.0mm high, tray-in							Preload	Windows® 10 Home 64	
Ethernet	Gigabit Ethernet connection								Preloaded applications (only some listed)	
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card							<ul style="list-style-type: none"> <li>• Lenovo® SHAREit</li> <li>• Lenovo REACHit</li> <li>• Lenovo OneKey™ Recovery</li> <li>• Lenovo Photo Master</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul>		
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Limited warranty	1-year Mail-in repair service / service upgrades available	
							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant		