

# ideapad 310 (15"), 310 (15" Touch) Platform Specifications

Product Specifications Reference (PSREF)

Processor	<b>310-15ISK &amp; Touch:</b> 6th Generation Intel® Core™ i3 / i5 / i7 Processor							Storage <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high <i>Some:</i> SSHD with 8GB NAND flash memory SATA controller Serial ATA, SATA 6.0Gb/s support, integrated in processor Optical (optional) 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 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports One USB 3.0, two USB 2.0, VGA, HDMI, Ethernet (RJ-45) Dimensions <i>WxDxH:</i> 14.92" x 10.24" x 0.90"; 379mm x 260mm x 22.9mm Weight 2.2 kg (4.85 lb) Case color <i>Display cover:</i> Ebony Black (Smooth), Ebony Black (Textured), Platinum Silver, Flamenco Red, Indigo Purple, Chalk White <i>Touch model has Ebony Black (Smooth or Textured) only black texture</i> Case material PC/ABS plastic Camera 0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone Audio support HD Audio, stereo speakers with Dolby® Advanced Audio™ v2, 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 Power-on password, hard disk password, supervisor password, security keyhole Security chip None Fingerprint reader None Battery Integrated Li-Polymer 2-cell (30Wh or 39Wh) battery Max battery life <sup>10</sup> Up to 6.4 hr AC adapter <i>Integrated models:</i> 45-watt AC adapter; <i>Discrete models:</i> 65-watt AC adapter Preload Windows® 10 Home 64 • Lenovo® OneKey® Recovery • Lenovo SHAREit • Lenovo REACHit • Lenovo Photo Master • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Processor Graphics	
	i3-6100U	2	4	2.3 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				
	i5-6260U			1.8 GHz	2.9 GHz	4MB				
	i7-6560U			2.2 GHz	3.2 GHz	4MB				
	<b>310-15IKB &amp; Touch:</b> 7th Generation Intel Core i3 / i5 / i7 Processor								Bottom: black texture	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types			Processor Graphics
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133			Intel HD Graphics 620
i5-7200U	2.5 GHz			3.1 GHz	3MB					
i7-7500U	2.7 GHz			3.5 GHz	4MB					
<b>310-15ABR:</b> AMD A-Series APUs and FX™ APUs										
Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	AMD Radeon™ R5 Graphics AMD Radeon R7 Graphics			
A10-9600P	4	2.4 GHz	3.3 GHz	2MB	DDR4-2133					
A12-9700P		2.5 GHz	3.4 GHz							
FX-9800P		2.7 GHz	3.6 GHz							
Graphics	<b>310-15ISK:</b> Intel HD Graphics 520 or Intel Iris Graphics 540 in processor only, or Intel HD Graphics 520 or Intel Iris Graphics 540 in processor and NVIDIA GeForce® 920MX, 2GB memory; <b>310-15ISK Touch:</b> Intel HD Graphics 520 in processor only; <b>310-15IKB:</b> Intel HD Graphics 620 in processor only, or Intel HD Graphics 620 in processor and NVIDIA GeForce 920MX, 2GB memory; <b>310-15IKB Touch:</b> Intel HD Graphics 620 in processor only; <b>310-15ABR:</b> AMD Radeon R5 or R7 Graphics in processor only, or AMD Radeon R5 or R7 Graphics in processor and AMD Radeon R5 M430, 2GB memory; Max resolution: 1920x1080@60Hz (HDMI), 1920x1200@60Hz (VGA)									
Chipset	Intel or AMD SoC (System on Chip) platform									
Memory	12GB max / 2133MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket									
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), LED backlight, 200 nits, 16:9 aspect ratio									
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (available for HD panel only)									
Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year mail-in repair service</li> <li>1-year depot repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>									
Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant									