

# IdeaPad 3 15IML05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor, Intel Pentium® Gold Processor or 10th Generation Intel Core™ i3 / i5 / i7 Processor							Processor Graphics	Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Dimensions	<i>WxDxH</i> : 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm
	Celeron 5205U	2	2	1.9 GHz	-	2MB	DDR4-2400		Weight	3.75 lb / 1.7 kg
	Pen Gold 6405U		4	2.4 GHz		4MB			DDR4-2666	Case color
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	Case material			PC/ABS plastic
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	Camera			0.3MP with privacy shutter, fixed focus, with dual array microphone
i7-10510U	1.8 GHz			4.9 GHz	8MB	Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack			
Graphics	Intel UHD Graphics in processor only, or Intel UHD Graphics in processor and NVIDIA® GeForce® MX130 or MX330, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)							Keyboard	6-row, multimedia Fn keys, numeric keypad	
Chipset	Intel SoC (System on Chip) platform							Touchpad	Buttonless Mylar surface multi-touch touchpad	
Memory	12GB max / 2400MHz DDR4 (Celeron, Pentium Gold model), 2666MHz DDR4 (Core model), 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Security	Power-on password, hard disk password, supervisor password	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio</li> </ul>							Security chip	Firmware TPM 2.0 integrated in chipset	
Multi-touch	On-cell touch, support 10-finger gesture							Fingerprint reader	<i>Optional</i> : Touch style fingerprint reader on power button	
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>							Battery	Integrated Li-ion 35Wh or 45Wh battery, 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Optical	None							Max battery life	<i>MobileMark® 2014</i> : 9 hr (35Wh), 12 hr (45Wh) <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>	
Ethernet	None							AC adapter	45W or 65W round tip AC adapter	
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> <li>802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> </ul>							Preload( <i>optional</i> )	<i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home in S mode</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Trial (with 30-day license)</li> </ul>	
								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>	
								Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant	

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

Lenovo  
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