

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								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.2 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	Processor Graphics	Camera	0.3MP or HD720p, with privacy shutter, fixed focus, with dual array microphone <i>* HD720p camera for NA only</i>	
	Celeron 5205U	2	2	1.9 GHz	-	2MB	DDR4-2400	Intel UHD Graphics	Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack	
	Pentium Gold 6405U		4	2.4 GHz		DDR4-2666					
	i3-10110U	2	4	2.1 GHz	4.1 GHz		4MB				
	i5-10210U	4	8	1.6 GHz	4.2 GHz		6MB				
i7-10510U	1.8 GHz			4.9 GHz	8MB						
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)								Security	Power-on password, hard disk password, supervisor password	
Chipset	Intel SoC (System on Chip) platform 12GB max offering / 2400MHz DDR4 (Celeron, Pentium Gold model) or 2666MHz DDR4 (Core model), dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Security chip	Firmware TPM 2.0 integrated in chipset	
Memory									Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button	
Display									One of the following, configurable by model: ● 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio ● 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio ● 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio	Battery	Integrated Li-Polymer 35Wh or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
										Max battery life	<i>MobileMark® 2014:</i> 9 hr (35Wh), 11.5 hr (45Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
	Multi-touch(opt)	On-cell touch, support 10-finger gesture	AC adapter	45W or 65W round tip AC adapter							
Storage	Up to 2 drives (one HDD and one M.2 SSD): ● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high ● M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 ● M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4								Preload(optional)	<i>Preloaded operating system</i> ● Windows® 10 Home 64 ● Windows 10 Home in S mode ● Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> ● Microsoft Office 365 Personal ● Microsoft Office 365 Home ● Microsoft Office Home and Student 2019 ● Microsoft Office Home and Business 2019 ● Microsoft Office Trial (with 30-day license) ● Microsoft Office Professional 2019 ● Microsoft Office Personal 2019	
Optical(optional)	External DVD burner, 9.5mm high								Limited warranty	<i>One of the following, configurable by model:</i> ● 1-year depot repair service ● 1-year depot with 2-year system board repair service ● 2-year/1-yr battery depot repair service	
Ethernet	None								Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant	
WLAN + Bluetooth™	One of the following, configurable by model: ● 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card ● 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card										
Dimensions	WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm										
Weight	3.75 lb / 1.7 kg										
Case color	Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or business black texture										
Case material	PC/ABS plastic										

Note: The specifications above may not be available in all regions and might change by region.

Lenovo
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