

# IdeaPad 3 15IL05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	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											
	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics											
	i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB		Intel Iris® Plus Graphics											
	i5-1035G4			1.1 GHz	3.7 GHz														
i7-1065G7			1.3 GHz	3.9 GHz	8MB														
Graphics	Intel UHD Graphics or Intel Iris Plus Graphics in processor only, or; Intel UHD Graphics or Intel Iris Plus Graphics in processor and NVIDIA® GeForce® MX330 or MX350, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)								Camera	0.3MP or HD720p, with privacy shutter, fixed focus, integrated dual array microphone <i>* HD720p camera for NA only</i>									
Chipset	Intel SoC (System on Chip) platform 12GB max offering / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack									
Memory									Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless Mylar surface multi-touch touchpad									
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 Security chip	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset									
									Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button									
Multi-touch(opt)	On-cell touch, support 10-finger gesture								Battery	Integrated Li-Polymer 35Wh or 45Wh battery, 45Wh battery supports rapid charge (charge up to 80% in 1hr)									
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</li><li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li><li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li></ul>								Max battery life (MobileMark® 2014)	<table><tr><td><i>Max battery life</i></td><td><i>Integrated Graphics</i></td><td><i>Discrete Graphics</i></td></tr><tr><td>35Wh</td><td>7.3 hr</td><td>6.6 hr</td></tr><tr><td>45Wh</td><td>9.3 hr</td><td>8.5 hr</td></tr></table>	<i>Max battery life</i>	<i>Integrated Graphics</i>	<i>Discrete Graphics</i>	35Wh	7.3 hr	6.6 hr	45Wh	9.3 hr	8.5 hr
<i>Max battery life</i>										<i>Integrated Graphics</i>	<i>Discrete Graphics</i>								
35Wh	7.3 hr	6.6 hr																	
45Wh	9.3 hr	8.5 hr																	
Optical	None								<i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>										
Ethernet	None								AC adapter	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(opt)	<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><li>Windows 10 Pro 64</li></ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"><li>Microsoft Office Home and Student 2019</li><li>Microsoft Office Home and Business 2019</li><li>Microsoft Office Trial (with 30-day license)</li><li>Microsoft Office Professional 2019</li><li>Microsoft Office Personal 2019</li><li>Microsoft Office 365 Home</li><li>Microsoft Office 365 Personal</li></ul>									
Dimensions	WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm								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>									
Weight	Starting at 4.08 lb / 1.85 kg																		
Case color	Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or business black texture								Environment	ErP lot3; RoHS-compliant									
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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