

# IdeaPad Gaming 3 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor								Media reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Ports	Two USB 3.2 Gen 1, one USB 3.2 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
	i5-10200H	4	8	2.4 GHz	4.1 GHz	8MB	DDR4-2933	Intel UHD Graphics	Bundled Accy	Optional: Lenovo Gaming M100 RGB Mouse (USB connector)	
	i5-10300H			2.5 GHz	4.5 GHz				Camera	720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone	
i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB			Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack		
Graphics	Integrated Graphics		Discrete Graphics (Memory)						Keyboard	6-row, multimedia Fn keys, numeric keypad, blue backlight	
	Intel UHD Graphics		NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory) NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)						Touchpad	Buttonless Mylar surface multi-touch touchpad	
supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)										Security	Power-on password, hard disk password, supervisor password
Chipset	Intel HM470 Chipset								Security chip	Firmware TPM 2.0 integrated in chipset	
Memory	16GB max offering / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Fingerprint reader	None	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz</li> <li>15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz</li> </ul>								Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%)	
Multi-touch	None								Max battery life	<i>MobileMark 2014:</i> 9.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>	
Storage	<i>Up to 2 drives (one HDD and 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 4</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>								AC adapter	135W slim tip AC adapter	
Optical	None								Preload (optional) <i>Preloaded operating system</i>		
Ethernet	Gigabit Ethernet connection								<ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft 365 Family</li> <li>Microsoft 365 Personal</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft Office Professional 2019</li> </ul>		
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>								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>1-year depot repair with 2-year system board repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>
Dimensions	WxDxH: 14.13" x 9.83" x 0.98"; 359mm x 249.6mm x 24.9mm								Environment		ENERGY STAR® 8.0; GREENGUARD; ErP lot3; RoHS-compliant
Weight	Starting at 4.8 lb / 2.2 kg										
Case color	Chameleon blue or onyx black										
Case material	PC/ABS plastic										

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

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