

IdeaPad 3 17IML05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® Gold Processor or 10th Generation Intel Core™ i3 / i5 / i7 Processor								Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b, headphone / microphone combo jack, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter 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		
	Pentium Gold 6405U	2	4	2.4 GHz	-	2MB	DDR4-2400	Intel UHD Graphics		
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666			
	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)								Camera Audio support	0.3MP with privacy shutter, fixed focus, with dual array microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2400MHz DDR4 (Pentium Gold model) or 2666MHz DDR4 (Core model), 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket, dual-channel capable								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"> 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio 								Security Security chip	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset
Multi-touch	None								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"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s 								Battery	Integrated Li-Polymer 42Wh or 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter <i>MobileMark® 2014:</i> 9 hr (42Wh), 11.5 hr (56Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical	None								Max battery life	
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"> 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 								Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Home in S mode Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office 365 Home Microsoft Office 365 Personal Microsoft Office Trial (with 30-day license) Microsoft Office Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft Office Professional 2019
Dimensions	WxDxH: 15.83" x 11.07" x 0.78"; 402mm x 281.25mm x 19.9mm								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 1-year depot with 2-year system board repair service 2-year/1-yr battery depot repair service
Weight	4.85 lb / 2.2 kg								Environment	ENERGY STAR® 8.0; RoHS-compliant; ErP lot3
Case color	Abyss blue or platinum grey									
Case material	PC/ABS plastic									

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

Lenovo
May 2020