

IdeaPad 3 17IML05 81WC001SMZ

Product

IdeaPad 3 17IML05

Region

WE

Country/Region

Switzerland

Machine Type

81WC

Processor

Intel Core i7-10510U (4C / 8T, 1.8 / 4.9GHz, 8MB)

Graphics

NVIDIA GeForce MX330 2GB GDDR5

Chipset

Intel SoC Platform

Memory

4GB Soldered + 8GB DIMM DDR4-2666

Storage

256GB SSD M.2 2242 PCIe NVMe 3.0x2 + 1TB HDD
5400rpm 2.5"

Display

17.3" FHD (1920x1080) IPS 300nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Case Material

PC / ABS

Camera

0.3MP

Microphone

2x, Array

Color

Platinum Grey

Keyboard

Non-backlit, Swiss

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 42Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home 64, Swiss (EN/FR/DE/IT)

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778173858

End of Support

2026-03-24

Announce Date

2020-02-24



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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	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								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless Mylar surface multi-touch touchpad
									Security Security chip	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset
Memory									Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button
									Battery	Integrated Li-ion 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 hr (56Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Display	<i>One of the following, configurable by model:</i> 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								Max battery life	
Multi-touch									None	AC adapter
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> - 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								Preload (opt)	<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 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
Optical									None	Limited warranty
Ethernet	None								Environment	ENERGY STAR® 8.0; RoHS-compliant; ErP lot3
WLAN + Bluetooth™									<i>One of the following, configurable by model:</i> 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card	
Dimensions	<i>WxDxH:</i> 15.83" x 11.07" x 0.78"; 402mm x 281.25mm x 19.9mm <i>Weight</i> 4.85 lb / 2.2 kg <i>Case color</i> Abyss blue or platinum grey <i>Case material</i> PC/ABS plastic									
Weight										
Case color										
Case material										

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

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February 2020

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