

IdeaPad 3 17IML05 81WC0047GE

Product

IdeaPad 3 17IML05

Region

WE

Country/Region

Germany

Machine Type

81WC

Processor

Intel Core i5-10210U (4C / 8T, 1.6 / 4.2GHz, 6MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

4GB Soldered + 4GB DIMM DDR4-2666

Storage

256GB SSD M.2 2242 PCIe NVMe 3.0x2

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, German

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 42Wh

Power Adapter

45W Round Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194778538190

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		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
	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)								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless Mylar surface multi-touch touchpad	
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								Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset <i>Optional: Touch style fingerprint reader on power button</i>	
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 								Battery	Integrated Li-ion 42Wh or 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter <i>MobileMark® 2014: 9 hr (42Wh), 11 hr (56Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>	
Multi-touch	None								Max battery life AC adapter	45W or 65W round tip AC adapter	
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 								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 	
Optical Ethernet	None								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 	
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 								Environment	ENERGY STAR® 8.0; RoHS-compliant; ErP lot3	
Dimensions Weight Case color Case material	<i>WxDxH: 15.83" x 11.07" x 0.78"; 402mm x 281.25mm x 19.9mm</i> 4.85 lb / 2.2 kg Abyss blue or platinum grey PC/ABS plastic										

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

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