IdeaPad 3 17IML05 81WC009GGE

Product
IdeaPad 3 17IML05

Region
WE

Country/Region
Germany

Machine Type
81WC

Processor
Intel Pentium Gold 6405U (2C / 4T, 2.4GHz, 2MB)

Graphics
Integrated Intel UHD Graphics

Chipset
Intel SoC Platform

Memory
4GB Soldered DDR4-2400 + 4GB SO-DIMM DDR4-2400

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
None

TPM
FW TPM 2.0

Battery
Integrated 42Wh

Power Adapter
45W Round Tip

Operating System
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042880854

End of Support
2026-03-21

Announce Date
2020-05-06

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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

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)

Chipset

Intel SoC (System on Chip) platform

Memory

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

Display

One of the following, configurable by model:
- 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

Multi-touch

None

Storage

Up to 2 drives (one HDD and one M.2 SSD):
- 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

Optical

None

Ethernet

None

WLAN + Bluetooth™

One of the following, configurable by model:
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Dimensions

WxDxH: 15.83" x 11.07" x 0.78"; 402mm x 281.25mm x 19.9mm

Weight

4.85 lb / 2.2 kg

Case color

Abyss blue or platinum grey

Case material

PC/ABS plastic

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

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
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera

0.3MP with privacy shutter, fixed focus, with dual array microphone

Audio support

HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2,
dual array microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys, numeric keypad

Touchpad

Buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password

Security chip

Firmware TPM 2.0 integrated in chipset

Fingerprint reader

Optional: Touch style fingerprint reader on power button

Battery

Integrated Li-Polymer 42Wh or 56Wh battery,
supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max battery life

MobileMark® 2014: 9 hr (42Wh), 11.5 hr (56Wh)
** Battery life varies significantly with settings, usage, & other factors*

AC adapter

45W or 65W round tip AC adapter

Preload *(opt)*

Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64

Preloaded applications (only some listed)
- 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

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Environment

ENERGY STAR® 8.0; RoHS-compliant; ErP lot3

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

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