IdeaPad 3 17IIL05 81WF0020GE

Product
IdeaPad 3 17IIL05

Region
WE

Country/Region
Germany

Machine Type
81WF

Processor
Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB)

Graphics
Integrated Intel UHD Graphics

Chipset
Intel SoC Platform

Memory
4GB Soldered DDR4-2666 + 4GB SO-DIMM DDR4-2666

Storage
256GB SSD M.2 2242 PCIe NVMe 3.0x2

Display
17.3" HD+ (1600x900) TN 250nits 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 (Top), PC / ABS (Bottom)

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
65W Round Tip

Operating System
Windows 10 Home 64, German

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195235562147

End of Support
2026-08-07

Announce Date
2020-05-21

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IdeaPad 3 17IIL05 Platform Specifications

Product Specifications Reference (PSREF)

Processor

10th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics
i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB		
i7-1065G7			1.3 GHz	3.9 GHz	8MB		Intel Iris® Plus Graphics

Graphics

Intel UHD Graphics or Intel Iris Plus Graphics in processor only, or
Intel UHD Graphics or Intel Iris Plus Graphics in processor and
NVIDIA® GeForce® 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 offering / 2666MHz DDR4, dual-channel capable,
4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

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, WVA, 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
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

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

Starting at 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 3.2 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 or HD720p, with privacy shutter, fixed focus, with dual array microphone
** HD720p camera for NA only*

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)

Max battery life

MobileMark® 2014: 7.4 hr (42Wh), 9.6 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 365 Family
- Microsoft 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
- Microsoft Office Personal 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

RoHS-compliant; ErP lot3

Note: The specifications above may not be available in all regions and might change by regions.

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