

IdeaPad 3 15IIL05 81WE00MHGE

Product

IdeaPad 3 15IIL05

Region

WE

Country/Region

Germany

Machine Type

81WE

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

15.6" FHD (1920x1080) TN 220nits 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, IMR

Keyboard

Non-backlit, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 35Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home in S mode, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235126172

End of Support

2026-04-03

Announce Date

2020-04-23

 WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

IdeaPad 3 15IIL05 Platform Specifications

Product Specifications Reference (PSREF)



Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Media reader Ports 4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.2 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo 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										
	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		Intel Iris® Plus Graphics										
	i5-1035G4			1.1 GHz	3.7 GHz	8MB												
i7-1065G7	1.3 GHz			3.9 GHz														
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 or MX350, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)								Camera 0.3MP or HD720p, with privacy shutter, fixed focus, integrated dual array microphone <i>* HD720p camera for NA only</i>									
Chipset	Intel SoC (System on Chip) platform 12GB max offering / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Audio support HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack									
Memory									Keyboard 6-row, multimedia Fn keys, numeric keypad Touchpad Buttonless Mylar surface multi-touch touchpad									
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio 								Security Power-on password, hard disk password, supervisor password Security chip Firmware TPM 2.0 integrated in chipset Fingerprint reader <i>Optional: Touch style fingerprint reader on power button</i>									
Multi-touch (opt)	On-cell touch, support 10-finger gesture								Battery Integrated Li-Polymer 35Wh or 45Wh battery, 45Wh battery supports rapid charge (charge up to 80% in 1 hr)									
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 M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4 								Max battery life (MobileMark® 2014) <table border="1"> <thead> <tr> <th>Max battery life</th> <th>Integrated Graphics</th> <th>Discrete Graphics</th> </tr> </thead> <tbody> <tr> <td>35Wh</td> <td>7.3 hr</td> <td>6.6 hr</td> </tr> <tr> <td>45Wh</td> <td>9.3 hr</td> <td>8.5 hr</td> </tr> </tbody> </table> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	Max battery life	Integrated Graphics	Discrete Graphics	35Wh	7.3 hr	6.6 hr	45Wh	9.3 hr	8.5 hr
Max battery life	Integrated Graphics	Discrete Graphics																
35Wh	7.3 hr	6.6 hr																
45Wh	9.3 hr	8.5 hr																
Optical	None								AC adapter 65W round tip AC adapter									
Ethernet	None								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 Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft Office Trial (with 30-day license) Microsoft Office Professional 2019 Microsoft Office Personal 2019 Microsoft Office 365 Home Microsoft Office 365 Personal 									
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 								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 									
Dimensions	WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm								Environment ErP lot3; RoHS-compliant									
Weight	Starting at 4.08 lb / 1.85 kg																	
Case color	Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or business black texture																	
Case material	PC/ABS plastic																	

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

Lenovo
July 2020

IdeaPad 3 15IIL05

