

IdeaPad Gaming 3 15ARH05 82EY001DIX

Product

IdeaPad Gaming 3 15ARH05

Region

WE

Country/Region

Italy

Machine Type

82EY

Processor

AMD Ryzen 7 4800H (8C / 16T, 2.9 / 4.2GHz, 4MB L2 / 8MB L3)

Graphics

NVIDIA GeForce GTX 1650 Ti 4GB GDDR6

Chipset

AMD SoC Platform

Memory

2x 8GB SO-DIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe 3.0x4 NVMe + 1TB HDD 5400rpm 2.5"

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 60Hz

Touchscreen

None

Optical

None

Card Reader

None

Ethernet

100/1000M

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Bundled Accessories

None

Camera

720p

Microphone

2x, Array

Surface Treatment

IMR

Case Color

Onyx Black

Case Material

PC / ABS

Keyboard

Blue LED Backlit, Italian

Fingerprint Reader

None

Security Chip

Firmware TPM 2.0

Battery

Integrated 45Wh

Power Adapter

135W Slim Tip

Operating System

Windows 10 Home 64, Italian / English

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042620818

End of Support

2026-08-20

Announce Date

2020-06-25

Recommended Services**Best**

3Y Onsite upgrade from 2Y Depot/CCI delivery (5WS0K75655)

Better

3Y Depot/CCI upgrade from 2Y Depot/CCI delivery (5WS0K75649)

Good

2Y Onsite upgrade from 2Y Depot/CCI delivery (5WS0K75646)

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AMD

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IdeaPad Gaming 3 15ARH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics							Media reader Ports	None Two USB 3.2 Gen 1, one USB 3.2 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> <i>Optional: Lenovo Gaming M100 RGB Mouse (USB connector)</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	
	Ryzen 5 4600H	6	12	3.0 GHz	4.0 GHz	3MB L2 / 8MB L3	DDR4-3200		
Ryzen 7 4800H	8	16	2.9 GHz	4.2 GHz	4MB L2 / 8MB L3		AMD Radeon Graphics		
Graphics	Integrated Graphics		Discrete Graphics (Memory)						
	AMD Radeon Graphics		NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory) NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)						
supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)									
Chipset	AMD SoC (System on Chip) platform								
Memory	16GB max offering / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 60Hz 15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut, refresh rate 120Hz 								
Multi-touch	None								
Storage	<i>Up to 2 drives (one HDD and 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 4 M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 								
Optical	None								
Ethernet	Gigabit Ethernet connection								
WLAN	802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Dimensions	WxDxH: 14.13" x 9.83" x 0.98"; 359mm x 249.6mm x 24.9mm								
Weight	Starting at 4.8 lb / 2.2 kg								
Case color	Chameleon blue or onyx black								
Case material	PC/ABS plastic								
Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (1 hour 80%) Max battery life <i>MobileMark 2018</i> : 6.7 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>								
AC adapter	135W slim tip AC adapter								
Preload (optional)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office Trial (with 30-day license) Microsoft Office Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft 365 Family Microsoft 365 Personal Microsoft Office Personal 2019 Microsoft Office Professional 2019 								
Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year mail-in repair service 1-year depot repair service 1-year depot repair with 2-year system board repair service 2-year/1-yr battery depot repair service 								
Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant								

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

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