IdeaPad 3 15ADA05 Platform Specifications

Processor

AMD 3020e processor, Athlon™ series processor or Ryzen™ 3 / 5 / 7 series processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
3020e	2	2	1.2 GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
Athlon Silver 3050U			2.3 GHz	3.2 GHz			
Athlon Gold 3150U		4	2.4 GHz	3.3 GHz			
Ryzen 3 3250U			2.6 GHz	3.5 GHz			
Ryzen 5 3500U	4	8	2.1 GHz	3.7 GHz	2MB L2 / 4MB L3		AMD Radeon Vega 8 Graphics
Ryzen 7 3700U			2.3 GHz	4.0 GHz			AMD Radeon RX Vega 10 Graphics

Graphics

AMD Radeon Graphics or
AMD Radeon Vega 8 / RX Vega 10 Graphics in processor;
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 3840x2160@30Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

Processor	Memory
3020e	8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket
Other	12GB max offering / 2400MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display

One of the following, configurable by model:

- 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), IPS (In Plane Switching), anti-glare, 16:9 aspect ratio, LED backlight, 250 nits

Multi-touch *(opt)* On-cell touch, supports 10-finger gesture

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 *(opt)* External DVD burner, 9.5mm high

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:* 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm

Weight Starting at 4.1 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

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

Ports One USB 2.0, two USB 3.2 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack, 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 35Wh battery or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr)

Max battery life *MobileMark® 2014:* 9.6 hr (35Wh), 13 hr (45Wh)
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter 65W round tip AC adapter

Preload *(optional)* *Preloaded operating system*

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64

Preloaded applications (only some listed)

- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019
- Microsoft Office Trial (with 30-day license)
- Microsoft Office Personal 2019
- Microsoft Office Professional 2019
- Microsoft Office 365 Home
- Microsoft Office 365 Personal

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; ErP lot3; RoHS-compliant

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