IdeaPad 3 15ADA05 Platform Specifications

Processor	AMD A4 / Athlon™ series processor or AMD Ryzen™ 3 / 5 / 7 series processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
A4-3020E		2	1.2 GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics
Athlon Silver 3050U	2		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	*A4-3020E model:* 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket
	Other model: 12GB max / 2400MHz DDR4,
	     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

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	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:* 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 3.1 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 with privacy shutter, fixed focus, integrated 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-ion 35Wh battery or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr)
Max battery life	*MobileMark® 2014:* 8 hr (35Wh), 12 hr (45Wh) ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	65W round tip AC adapter
Preload	*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.