## IdeaPad 3 15ADA05 81W1008EIX

Product

IdeaPad 3 15ADA05

**Region** WE

Country/Region Italy

Machine Type 81W1

**Processor** AMD Ryzen 5 3500U (4C / 8T, 2.1 / 3.7GHz, 2MB L2 / 4MB L3)

Graphics
Integrated AMD Radeon Vega 8 Graphics

Chipset AMD SoC Platform

Memory 4GB Soldered DDR4-2400 + 4GB SO-DIMM DDR4-2400

Storage 512GB 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, Italian

Fingerprint Reader Touch Style

*TPM* FW TPM 2.0

Battery Integrated 35Wh

Power Adapter 65W Round Tip

**Operating System** Windows 10 Home 64, English / Italian

**Bundled Software** Office Trial

Base Warranty 2-year, Depot

Bundled Service

**EAN / UPC / JAN** 195042495782

*End of Support* 2026-05-01

**Announce Date** 2020-04-15

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## IdeaPad 3 15ADA05 Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

32500       2.6 GHz       3.5 GHz       DDR4-2400         Ryzen 5       35000       4       8       2.1 GHz       3.7 GHz       AMD Radeon         Notes       Ryzen 7       37000       4       8       2.1 GHz       3.7 GHz       2MB L2 / 4MB L3         AMD Radeon       Ryzen 7       37000       4       8       2.3 GHz       4.0 GHz       2MB L2 / 4MB L3         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)       2840x2160@30Hz (HDMI)         Chipset       AMD Soc (System on Chip) platform       Data       2.0 GHz       3.5 GHz       DDH4-2400	Processor	AMD 3020E processor, Athlon <sup>™</sup> series processor or Ryzen <sup>™</sup> 3 / 5 / 7 series processor								Dimensions	WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm
Bacebox         PC/ABS plastic           Athlon Silver         2         2         2         2         Athlon Silver           Athlon Silver         2         2         4         26.0 Hz         MMD Radeon           Byzen 3         250.0 Hz         2.8 GHz         3.3 GHz         AtMB IS           Byzen 3         250.0 Hz         2.8 GHz         3.5 GHz         DDR4-2400           Byzen 7         4         8         2.1 GHz         3.7 GHz         24HB IS           Byzen 7         4         8         2.1 GHz         3.7 GHz         24HB IS           Bryzen 7         4         8         2.1 GHz         3.7 GHz         24HB IS           Bryzen 7         4         8         2.1 GHz         3.7 GHz         24HB IS           AMD Radeon Graphics or Anno My         Addio support         Addio support         Addio support         HD Audio, Subpace multi-touch for the docus, with dual array microphor Hitedophore / microphone combo jack.         Keyboard         6-row, multimedia Fia keys, numeric keypad           Graphics         AMD Radeon Graphics or Anno My         Addio support supports external diplat monior via HDMi; supports restoremail diplat with and action to power button         Security Power-on password, supervisor password, supports restorem Chipplatorm Chipplatorm         Security Chipplatorm </td <td rowspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td> <td>Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or</td>											Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or
Antion Gold Antion Gold Stroug     2     2     2     4     3.2 GHz     3.2 GHz     4MB la       Media reader Stroug     Antion Gold Stroug     2     4     3.2 GHz     3.3 GHz     4MB la       Media reader Stroug     Antion Gold Stroug     2     4     2.4 GHz     3.3 GHz     4MB la       Byzen 1     2.6 GHz     3.5 GHz     DDR4-2400     AMD Radeon RX Page 1     AMD Radeon RX Page 1     Camera     0.3MP C HDZ0,0) with privacy shutter, fixed focus, with dual array microphor <i>HD272bp camera for NA only</i> Graphics     AMD Radeon Graphics or AMD Radeon Vega 8     2.3 GHz     4.0 GHz     2MB l1.2 / 4MB la     AMD Radeon RX Vega 10     Camera     0.3MP C HDZ0,0) with privacy shutter, fixed focus, with dual array microphor <i>HD272bp camera for NA only</i> Aution boldy Audio Supervise AmD Radeon Vega 8 <i>RX Vega</i> 10 Graphics in processor; supports dual independent display; Max resolutions:     2MB la 2/ 4MD Radeon RX Page 10     Camera     0.3MP camera       Chipset Memory     AMD Radeon Vega 8 <i>RX Vega</i> 10 Graphics in processor; supports dual independent display; Max resolution:     2MB Radeon (Fagphics)     RX Vega 10 Graphics in processor; supports dual independent display; Max resolution:     3840×21(HOM)     Keyboard       Chipset Memory     ADD Radeon Vega 8 <i>RX Vega</i> 10 Graphics in processor; supports dual independent display; Max resolution:     3840×21(HOM)     Max fastery file fastery file fastery file fastery				2	1.2 GHz	2.6GHz	– 1MB L2 / 4MB L3	DDR4-2400	AMD Radeon <sup>™</sup> Graphics <sup>™</sup> AMD Radeon Vega 8 Graphics AMD Radeon RX Vega 10 Ke	Case material	
Ahlon Gold       2       4       2.4 GHz       3.3 GHz       4MB L3       Graphics         Algo Graphics       Algo GHZ       2.6 GHz       3.5 GHZ       DDR4-2400       Algo Graphics         Bigge Graphics       Algo GHZ       2.6 GHZ       3.5 GHZ       DDR4-2400       Algo Graphics         Bigge Graphics       Algo GHZ       2.1 GHZ       3.7 GHZ       ZMB L2.7       Algo GHZ       Algo GHZ         Bigge Graphics       Algo GHZ       2.3 GHZ       4.0 GHZ       ZMB L2.7       Algo GHZ       Algo GHZ       Algo GHZ       Camera       0.3 MP or HD720p, with privacy shutter, fixed focus, with dual array microphor         Graphics       AMD Radeon Graphics or Algo GHZ       2.3 GHZ       4.0 GHZ       Algo GHZ       Algo GHZ       Camera       0.3 MP or HD720p, with privacy shutter, fixed focus, with dual array microphor         MD Radeon Vega 8 / RX Vega 10 Graphics in processor; supports external digital monitor via HDMI; supports		3050U			2.3 GHz	3.2 GHz				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 0.3MP or HD720p, with privacy shutter, fixed focus, with dual array microphone * HD720p camera for NA only HD Audio, Dolby Audio <sup>®</sup> , stereo speakers, 1.5W x 2, dual array microphone,
Flyzen 7 32500/       2.6 GHz       3.5 GHz       DDR4:2400		3150U		4	2.4 GHz	3.3 GHz					
Hyzen 5 3500U       4       8       2.1 GHz       3.7 GHz       2MB L2/ 4MB L2       AMD Radeon Made a Graphics AMD Radeon Graphics or AMD Radeon Vega 8 / RX Vega 10       4.0 GHz       2MB L2/ 4MB L2       AMD Radeon RX Vega 10       Audio, Dolby Audio", stere os peakers, 1.5W x 2, dual array microphor headphone / microphone combo jack         Graphics       AMD Radeon Graphics or AMD Radeon Vega 8 / RX Vega 10 Graphics in processor; supports external digital monitor via HDM; memory       Power-on password, hard disk password, supervisor password         Security       Security Chip Fingerprint reader Optional: Touch style lingerprint reader on power button         Matto Socket       Security Chip Fingerprint reader Optional: Touch style lingerprint reader on power button         Matto Socket       Security Chip Fingerprint reader Optional: Touch style lingerprint reader on power button         Battery       AMD Sack (Grapter optional: Touch style lingerprint reader on power button         Battery       Integrate Li-Polymer 3SWh battery or 4SWh battery or 4SWh battery or 4SWh battery 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket         Display       One of the following, configurable by model: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16.9 apect ratio       Security Chip HDA dudiced applications (only some listed)         Wulti-touch (opt) On-cell touch, supports 10-finger gesture       Modeine 4 SSD): Multi-touch (opt) Durner, 9.Smm high       Windows 10 Home 64 Windows 10 H					2.6 GHz	3.5 GHz					
Image: Proving and the second system of the following, configurable by model:       4.0 GHz       4MB L3       AMD Padeon Page 3       Fax Vega 1       6-row, multimedia Fn keys, numeric keypad Touchpad         Graphics       AMD Radeon Graphics or AMD Radeon Vega 8 / RX Vega 10 Graphics in processor; supports external digital monitor via HDMI; supports texternal digital monitor via HDMI; supports texternal digital monitor via HDMI; supports external digital monitor wia HDMI; supports Rapid Charge (charge up to 80% in 1hr)         Chipset Memory Solution:       3840x2160@30Hz (HDMI)         Memory       3020E model:       8GB max offering / 2400MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket       How index 42014:9.6 hr (45Wh).181 hr (45Wh).0 Hr (45Wh)         Display       One of the following, configurable by model:       • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio       • Windows 10 Pro6 4         Multi-louch (opt) On-cell touch, supports 10-finger gesture       • Microsoft Office Home and Blueiness 2019       • Microsoft Office Home and Blueiness 2019         Multi-louch (opt) On-cell touch, supports 10-finger gesture       • Microsoft Office Frasonal 2019       • Microsoft Office Frasonal 2019         Multi-louch (o					2.1 GHz	3.7 GHz					
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)       Security chip       Firmware TPM 2.0 integrated in chipset         Memory       Max resolution: 3840x2160@30Hz (HDMI)         Chipset       AMD SoC (System on Chip) platform         Memory       3020E model:       8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket         Other model:       12GB max offering / 2400MHz DDR4, dual-channel capable, dB memory soldered to systemboard, one DDR4 SO-DIMM socket       65W round tip AC adapter         Display       One of the following, configurable by model:       • 15.6" (396mm) FHD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio       • Windows 10 Home and Student 2019         Multi-touch (opt) On-cell touch, supports 10-finger gesture       • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio       • Microsoft Office Home and Business 2019         Multi-touch (opt) On-cell touch, supports 10-finger gesture       • Microsoft Office Prosenal 2019       • Microsoft Office Presonal 2019         Storage       Up to 2 drives (one HDD and one M. 2SD):       • M.2 2248 SSD / PCle NVMe, PCle 3.0 x 2       • Microsoft Office Presonal 2019         • Microsoft Office Presonal       • Microsoft Office Presonal       • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high         • MLAN +       None       • One of the following, configurable by model:       • I-year depot w			4	0	2.3 GHz	4.0 GHz					6-row, multimedia Fn keys, numeric keypad
Max resolution:       3840x2160@30Hz (HDMI)         Chipset       AMD SoC (System on Chip) platform         Memory       3020E model:       8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket         Other model:       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:       *Battery supports Rapid Charge (charge up to 80% in 1hr)         Multi-touch (opt) On-cell touch, supports 10-finger gesture       *Windows 10 Preloaded operating system         Wulti-touch (opt) On-cell touch, supports 10-finger gesture       *Windows 10 Pro 64         Wulti-touch (opt) On-cell touch, supports 10-finger gesture       *Microsoft Office Home and Student 2019         Multi-touch (opt)       *Microsoft Office Professional 2019         Multi-touch (opt)       *Microsoft Office Professional 2019         Multi-touch (opt)       External DVD burner, 9.5mm high         Ethremet       None         WLAN +       One of the following, configurable by model:         Bluetooth       • 802, 11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card	Graphics	AMD Radeon Vega 8 / RX Vega 10 Graphics in processor; supports external digital monitor via HDMI;								Security chip	Firmware TPM 2.0 integrated in chipset
Memory       3020E model: 3020E model:       8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket 12GB max offering / 2400MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket       *Battery life varies significantly with hardware configurations, settings, usage, & otf 65W round tip AC adapter         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), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • Multi-touch (opt) On-cell touch, supports 10-finger gesture       • Windows <sup>®</sup> 10 Home 64 • Windows <sup>®</sup> 10 Home 64 • Windows <sup>®</sup> 10 Home and • Windows <sup>®</sup> 10 Home and Student 2019 • Microsoft Office Home and Student 2019 • Microsoft Office Personal 2019 • Microsoft Office Personal 2019 • Microsoft Office Personal 2019 • Microsoft Office Professional 2019 • Microsoft Office 365 Home • 1-year depot repair service • 1-year depot with 2-year system board repair service • 1-year depot with 2-year system board repair service • 2-year(1-yr battery depot										,	45Wh battery supports Rapid Charge (charge up to 80% in 1hr)
one DDR4 SO-DIMM socket       In folded (option) / Folded (opt		3020E mod	<i>3020E model:</i> 8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket 12GB max offering / 2400MHz DDR4, dual-channel capable,								* Battery life varies significantly with hardware configurations, settings, usage, & other factors
Display       One of the following, configurable by model:       • Windows 10 Home in S mode         • 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio       • Windows 10 Pro 64         Multi-touch (opt) On-cell touch, supports 10-finger gesture       • Microsoft Office Home and Student 2019         Storage       Up to 2 drives (one HDD and one M.2 SSD):       • Microsoft Office Prosonal 2019         • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2       • Microsoft Office 365 Personal         • Optical (opt)       External DVD burner, 9.5mm high       Limited warranty         Che of the following, configurable by model:       • 1-year depot with 2-year system board repair service         WLAN +       One of the following, configurable by model:       • 2-year/1/2 bit 2.0 pit		4GB memory soldered to systemboard,								<ul> <li>Windows<sup>®</sup> 10 Home 64</li> <li>Windows 10 Home in S mode</li> <li>Windows 10 Pro 64</li> <li>Preloaded applications (only some listed)</li> <li>Microsoft Office Home and Student 2019</li> </ul>	
Multi-touch (opt) On-cell touch, supports 10-finger gesture <ul> <li>Multi-touch (opt) On-cell touch, supports 10-finger gesture</li> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft Office 365 Home</li> <li>Microsoft Office 365 Personal</li> </ul> Optical (opt)         External DVD burner, 9.5mm high <ul> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office 365 Personal</li> </ul> Ethernet         None <ul> <li>One of the following, configurable by model:</li> <li>1-year depot vith 2-year system board repair service</li> <li>2-year/1-yr batterry depot repair service</li> <li>2-year/1-yr batterry depot repair service</li> <li>2-year/1-yr batterry depot prepair service</li></ul>	Display	<ul> <li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits,</li> </ul>									
Storage       Op to 2 drives (one HDD and one M.2 SSD):         • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high         • MD / SATA 6.0Gb/s, 2.5" wide, 7mm high         • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2         • Microsoft Office 365 Home         • Microsoft Office 365 Personal         Optical (opt)         External DVD burner, 9.5mm high         Ethernet         None         WLAN +         Bluetooth <sup>™</sup> • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card										<ul> <li>Microsoft Office Trial (with 30-day license)</li> </ul>	
Optical (opt)       External DVD burner, 9.5mm high       Limited warranty       One of the following, configurable by model:         Ethernet       None          1-year depot repair service         1-year depot with 2-year system board repair service         1-year depot with 2-year system board repair service         2-year/1-yr battery depot repair service         2-year/1-yr battery depot repair service         2-year/1-yr battery depot repair service	Storage	<ul> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li> </ul>									Microsoft Office Professional 2019     Microsoft Office 365 Home
Enternet       None         WLAN +       One of the following, configurable by model:         Bluetooth™       • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card	Optical (opt)										
WLAN + One of the following, configurable by model: Bluetooth <sup>™</sup> • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card • 2-year/1-yr battery depot repair service • The provide the following of the f	Ethernet	None								l	
		802 11ac 2v2 Wi-Fi + Bluetooth 5.0 M 2 Card									2-year/1-yr battery depot repair service
	Dideloolii									Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

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

Lenovo May 2020













AMD