

# IdeaPad 3 17ADA05 81W2006GGE

**Product**

IdeaPad 3 17ADA05

**Region**

WE

**Country/Region**

Germany

**Machine Type**

81W2

**Processor**

AMD Ryzen 3 3250U (2C / 4T, 2.6 / 3.5GHz, 1MB L2 / 4MB L3)

**Graphics**

Integrated AMD Radeon 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**

17.3" HD+ (1600x900) TN 250nits 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

**Keyboard**

Non-backlit, German

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 42Wh

**Power Adapter**

65W Round Tip

**Operating System**

Windows 10 Home 64, German

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195348050937

**End of Support**

2026-04-09

**Announce Date**

2020-07-24



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AMD

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# ideapad 3 17ADA05 Platform Specifications

Product Specifications Reference (PSREF)

|                   |                                                                                                                                                                                                                                        |            |              |                |                     |                 |             |                                |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-----------------|-------------|--------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Processor         | AMD 3020e processor, Athlon™ series processor or Ryzen™ 3 / 5 / 7 series processor                                                                                                                                                     |            |              |                |                     |                 |             |                                | Dimensions         | WxDxH: 15.83" x 11.07" x 0.78"; 402mm x 281.25mm x 19.9mm                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Processor Number                                                                                                                                                                                                                       | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache           | Memory Type | Processor Graphics             | Weight             | Starting at 4.85 lb / 2.2 kg                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|                   | 3020e                                                                                                                                                                                                                                  | 2          | 2            | 1.2 GHz        | 2.6GHz              | 1MB L2 / 4MB L3 | DDR4-2400   | AMD Radeon™ Graphics           | Case color         | Abyss blue or platinum grey                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Athlon Silver 3050U                                                                                                                                                                                                                    |            |              | 2.3 GHz        | 3.2 GHz             |                 |             |                                | Case material      | PC/ABS plastic                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Athlon Gold 3150U                                                                                                                                                                                                                      |            | 4            | 2.4 GHz        | 3.3 GHz             |                 |             |                                | Media reader       | 4-in-1 media reader (MMC, SD, SDHC, SDXC)                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Ryzen 3 3250U                                                                                                                                                                                                                          |            |              | 2.6 GHz        | 3.5 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                                                                                                                                                                                                                                                                                                  |  |
|                   | Ryzen 5 3500U                                                                                                                                                                                                                          | 4          | 8            | 2.1 GHz        | 3.7 GHz             | 2MB L2 / 4MB L3 |             | AMD Radeon Vega 8 Graphics     | Camera             | 0.3MP or HD720p, with privacy shutter, fixed focus, with dual array microphone                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Ryzen 7 3700U                                                                                                                                                                                                                          |            |              | 2.3 GHz        | 4.0 GHz             |                 |             | AMD Radeon RX Vega 10 Graphics | 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                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 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)                                      |            |              |                |                     |                 |             |                                | 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                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Chipset           | AMD SoC (System on Chip) platform                                                                                                                                                                                                      |            |              |                |                     |                 |             |                                | Battery            | Integrated Li-Polymer 42Wh battery or 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr)                                                                                                                                                                                                                                                                                                                                             |  |
| Memory            | 3020E model: 8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket<br>Other model: 12GB max offering / 2400MHz DDR4, dual channel-capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                              |            |              |                |                     |                 |             |                                | Max battery life   | MobileMark® 2014: 8 hr (42Wh), 13 hr (56Wh)                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                                                                                                                                                                                                                        |            |              |                |                     |                 |             |                                | AC adapter         | 65W round tip AC adapter                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Display           | One of the following, configurable by model:<br>• 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio<br>• 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio |            |              |                |                     |                 |             |                                | Preload(optional)  | Preloaded operating system<br>• Windows® 10 Home 64<br>• Windows 10 Home in S mode<br>• Windows 10 Pro 64<br>Preloaded applications (only some listed)<br>• Microsoft Office Trial (with 30-day license)<br>• Microsoft Office 365 Home<br>• Microsoft Office 365 Personal<br>• Microsoft Office Home and Business 2019<br>• Microsoft Office Home and Student 2019<br>• Microsoft Office Personal 2019<br>• Microsoft Office Professional 2019 |  |
| Multi-touch       | None                                                                                                                                                                                                                                   |            |              |                |                     |                 |             |                                | Limited warranty   | One of the following, configurable by model:<br>• 1-year depot repair service<br>• 1-year depot with 2-year system board repair service<br>• 2-year/1-yr battery depot repair service                                                                                                                                                                                                                                                           |  |
| Storage           | Up to 2 drives (one HDD and one M.2 SSD):<br>• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br>• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2<br>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4                                                         |            |              |                |                     |                 |             |                                | Environment        | ENERGY STAR® 8.0; ErP lot3; RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Optical           | None                                                                                                                                                                                                                                   |            |              |                |                     |                 |             |                                |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Ethernet          | None                                                                                                                                                                                                                                   |            |              |                |                     |                 |             |                                |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| WLAN + Bluetooth™ | One of the following, configurable by model:<br>• 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card<br>• 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card                                                                                       |            |              |                |                     |                 |             |                                |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

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

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