# IdeaPad 3 14ADA05 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 | 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** — *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:*
- 14" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
- 14" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

**Multi-touch** — None

**Storage** — *One of the following, configurable by model:*
- 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:* 12.88" x 9.49" x 0.78";   327.1mm x 241mm x 19.9mm
**Weight** — Starting at 3.5 lb / 1.6 kg
**Case color** — Abyss blue 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
**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 or 45Wh battery,
45Wh battery supports Rapid Charge (charge up to 80% in 1hr)
**Max battery life** — *MobileMark® 2014:* 7.5 hr (35Wh), 12.2 hr (45Wh)
*\* Battery life varies significantly with 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 Trial (with 30-day license)
- Microsoft Office 365 Home
- Microsoft Office 365 Personal
- Microsoft Office Professional 2019
- Microsoft Office Personal 2019
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019

**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.