

Aorus 3050E

Aorus 15.6" FHD Laptop T156A-3050E User Manual

Model: 3050E

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1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Aorus 15.6-inch FHD Laptop. Designed for work, study, and entertainment, this laptop features an Athlon Silver 3050E Processor, 32GB DDR4 RAM, and a 1TB SSD for efficient performance and ample storage. Its thin and light design enhances portability, making it suitable for various environments.

Key features include a vibrant 15.6-inch Full HD IPS display, comprehensive connectivity options, a secure fingerprint reader, and a backlit keyboard for comfortable use in diverse lighting conditions. The laptop comes pre-installed with Windows 11 Pro.



Figure 1: Aulusda 15.6-inch Laptop Overview. This image displays the laptop from an elevated angle, showcasing its screen and keyboard. Key specifications like the Athlon Silver 3050E Processor, 32GB DDR4 RAM, 1TB SSD, 15.6-inch IPS display, Type-C port, privacy camera, backlit keyboard, and fingerprint unlock are highlighted around the laptop.

Lightweight, and more stunning than you imagined

Carry the lightness throughout, simplify complexity, lift it effortlessly with one hand, and enjoy the freedom and spontaneity to the fullest

Weighing just
3.7 lbs

Dimensions of
14 x 9 x 0.7 in

Dual frequency
5G WIFI

Bluetooth
5.0



Figure 2: Laptop Portability. The image shows the laptop being held by a hand, emphasizing its lightweight design (3.7 lbs) and slim dimensions (14 x 9 x 0.7 inches). It also highlights dual-frequency 5G WiFi and Bluetooth 5.0 connectivity.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove the laptop and its accessories from the packaging. Ensure all components are present and undamaged.

- Aausda 15.6" FHD Laptop
- 12V 3A Charger
- US Layout Keyboard Cover
- User Manual (this document)

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Video 1: Unboxing the Aausda T156A 3050E Laptop. This video demonstrates the unboxing process, showing the laptop, charger, and keyboard cover included in the package. It highlights the laptop's slim design and initial power-on sequence.

2.2 Powering On and Initial Configuration

1. Connect the charger to the laptop's DC-in port and a power outlet.
2. Open the laptop lid. The laptop may power on automatically, or you may need to press the power button.
3. Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.
4. For secure login, configure the integrated fingerprint reader during setup or via Windows Settings later.


3. OPERATION

3.1 Display and Visuals


The laptop features a 15.6-inch Full HD (1920x1080) IPS display, providing crisp and vibrant visuals. The narrow bezel design enhances the viewing experience for various tasks, from document editing to streaming media.

Large screen for an
ultra-high-definition visual experience


1920x1080



15.6-inch ultra-high-definition screen with a narrow bezel design
delivers an immersive visual enjoyment.




UHD



Bright View

16:9

Screen Ratio



Narrow edge design

Figure 3: Full HD IPS Display. This image highlights the 15.6-inch ultra-high-definition screen with a 1920x1080 resolution, 16:9 aspect ratio, and narrow edge design, providing an immersive visual enjoyment.

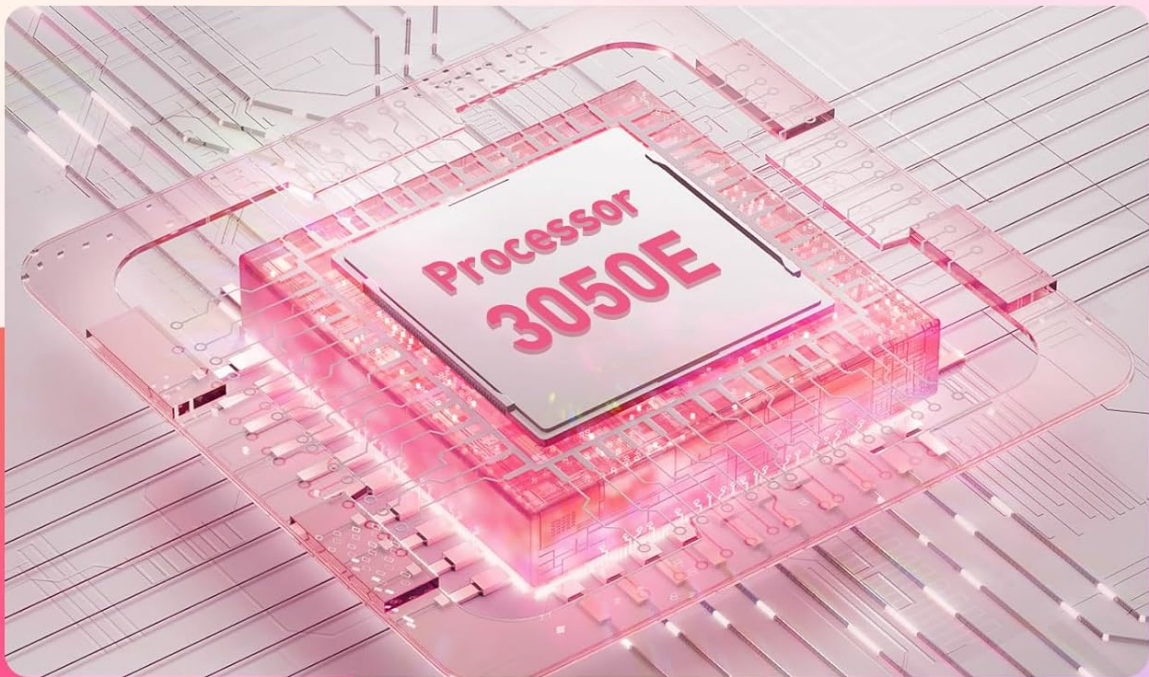
3.2 Processor and Performance

Powered by an Athlon Silver 3050E Processor with 2 cores and 4 threads, the laptop offers a base frequency of 1.4 GHz and a maximum turbo frequency of up to 2.8 GHz. This configuration supports daily office tasks, online learning, and video playback efficiently.

Athlon Silver 3050E Processor

2 cores/4 threads

The processor base frequency is 1.4GHz, Maximum turbo frequency up to 2.8GHz
It can fully meet basic scenarios such as daily office, online learning, and video playback.



2
Core

4
threads

6W
TDP

2.8GHz
maximum frequency

Figure 4: Athlon Silver 3050E Processor Details. A visual representation of the Athlon Silver 3050E processor, indicating its 2 cores and 4 threads, with a base frequency of 1.4GHz and a maximum turbo frequency of 2.8GHz.

3.3 Memory and Storage

The laptop is equipped with 32GB of DDR4 RAM (2400 MHz) and a 1TB M.2 SATA 3.0 SSD. This combination ensures fast boot times (approximately 6 seconds) and smooth multitasking, allowing you to run multiple applications without significant slowdowns.

High-speed memory and large-capacity hard drive

Starts quickly and stores more data



Removable high-speed memory

32GB RAM

DDR4 3200MT/s



Removable high-speed memory

1TB SSD

M.2 SATA 3.0

Figure 5: High-Speed Memory and Large-Capacity Storage. This image illustrates the laptop's capability to handle multiple applications, highlighting the 32GB DDR4 RAM and 1TB SSD for quick starts and extensive data storage.

DDR4+ Solid State Drive Boots up in about 6 seconds

Equipped with 32GB of high-frequency memory and a DDR4+ ultra-fast solid state drive, dual-channel. Faster and more stable boot times

Approximately
seconds boot time

6

20%

performance improvement

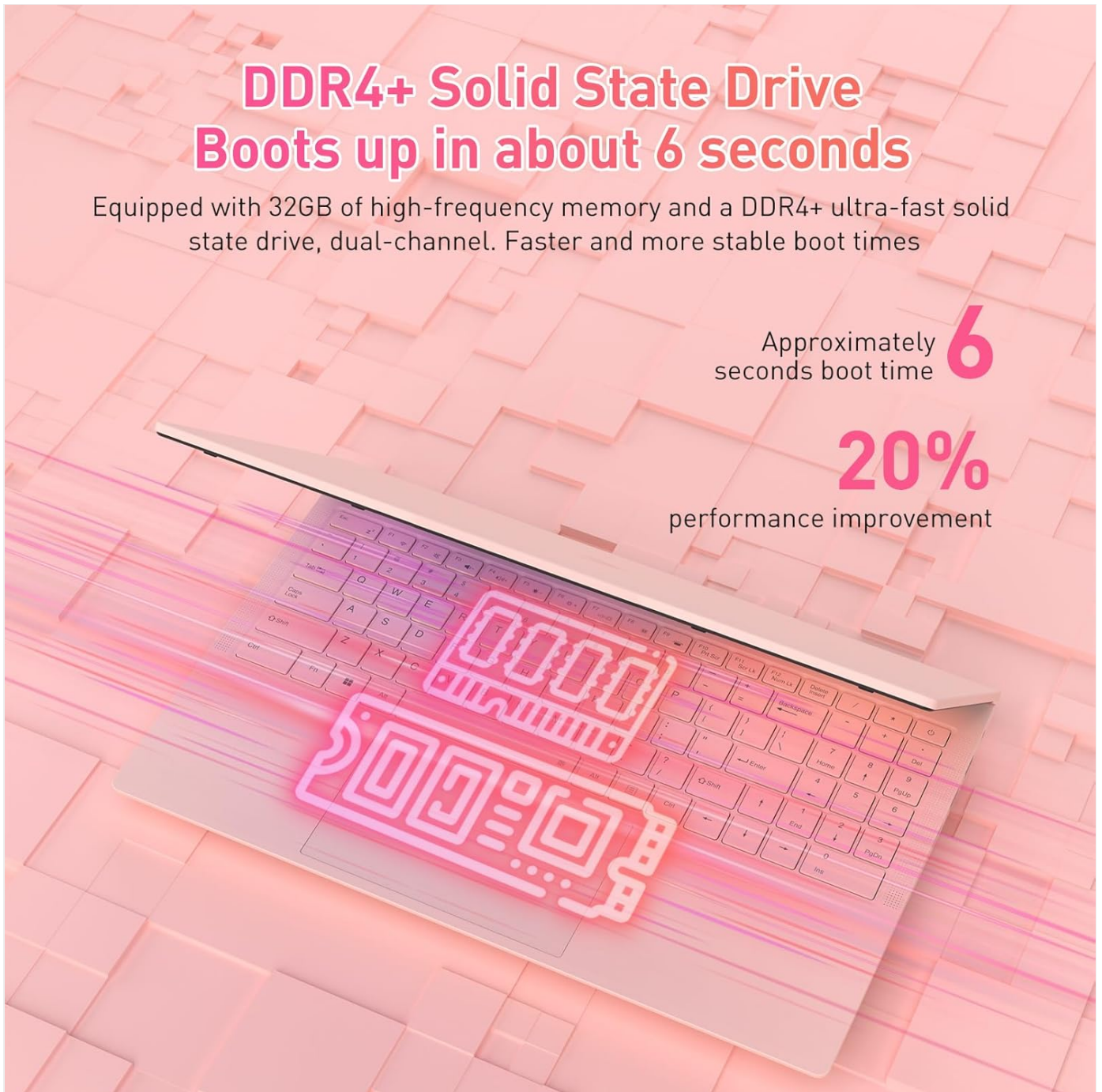


Figure 6: Fast Boot Performance. A visual emphasizing the laptop's rapid boot-up time of approximately 6 seconds, attributed to its 32GB DDR4 high-frequency memory and 1TB SSD.

3.4 Keyboard and Security Features

The full-size backlit keyboard includes a numeric keypad for enhanced productivity. The large touchpad provides precise navigation. For secure access, the laptop is equipped with an integrated fingerprint reader, allowing for quick and reliable unlocking.

Full-Size Large Backlit Keyboard With An Independent Numeric Keypad

This 3050E model laptop features a full-size backlit keyboard with a numeric keypad, plus a large touchpad, delivering you a silky-smooth touch response and seamless operation experience.

Fn+☀+ / ☀-
Brightness Control

Fn+F9 
switching Backlight

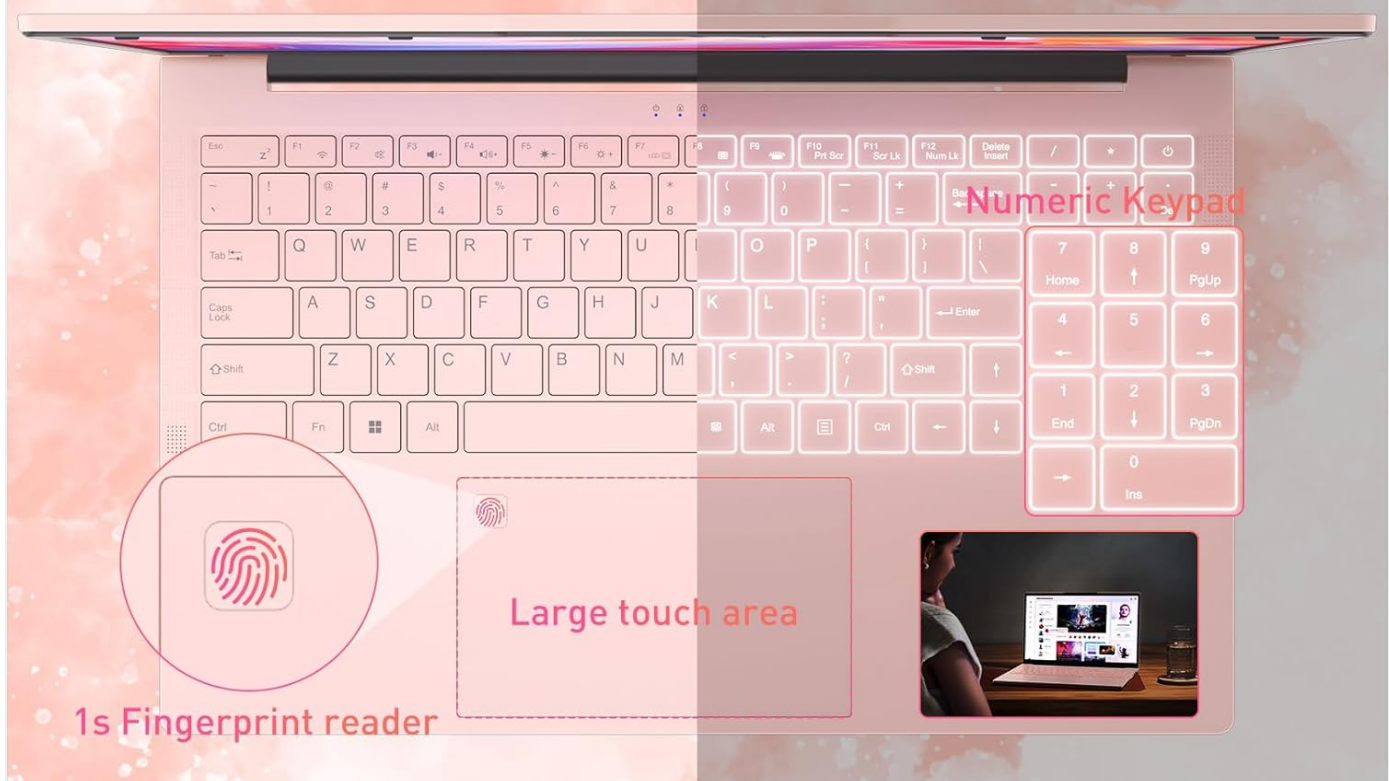


Figure 7: Keyboard and Fingerprint Unlock. This image details the full-size backlit keyboard with a numeric keypad and a large touchpad. It also highlights the 1-second fingerprint reader for secure access.

The laptop also features a privacy camera, which can be physically covered for enhanced security.

3.5 Connectivity

The Auusda laptop offers a variety of ports and wireless options for versatile connectivity:

- **USB Ports:** 1x USB 3.0, 2x USB 2.0
- **Type-C Port:** Full-featured, supporting charging and data transfer.
- **HDMI:** For connecting to external displays.
- **Audio:** 3.5mm Headphone Jack.
- **Card Reader:** TF Card Slot.
- **Wireless:** Built-in Wi-Fi 5 (802.11a/b/g/n) and Bluetooth 5.0.
- **Security:** Security Lock Slot.
- **Power:** DC Jack for charging.

Rich interfaces to meet diverse needs

Not only is it lightweight and portable, it also supports a variety of interface types to meet your diverse usage needs.



Figure 8: Rich Interfaces. This image displays the left and right sides of the laptop, detailing the various ports available: TF Card Slot, 2x USB 2.0, 3.5mm Headphone Jack, Security Lock Slot, DC Jack, Full-Featured Type-C, HDMI, and USB 3.0.

3.6 Multi-Screen Expansion

The laptop supports multi-screen expansion, allowing you to connect external monitors via the HDMI port for an extended desktop experience, enhancing productivity for work or entertainment.

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Video 2: Auusda T156A 3050E Laptop Features. This video provides a detailed look at the laptop's appearance, highlighting its 15.6-inch display, processor, ports, backlit keyboard, and fingerprint sensor, and demonstrating multi-screen expansion capabilities.

While not primarily a gaming laptop, the Athlon Silver 3050E processor with RX Vega 3 integrated graphics can handle some lighter gaming titles. For optimal performance in gaming, ensure your system drivers are up to date.

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Video 3: Laptop Gaming Performance. This video demonstrates the laptop's performance during a racing game, showcasing its ability to run certain entertainment applications.

4. MAINTENANCE

4.1 Cleaning

- Use a soft, lint-free cloth to clean the screen. For stubborn smudges, dampen the cloth with water or a screen-specific cleaning solution.
- Wipe the keyboard and chassis with a slightly damp cloth. Avoid excessive moisture.
- Regularly clean the fan vents to prevent dust buildup, which can affect cooling performance.

4.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place when not in use for extended periods.
- Use only the provided charger to prevent damage to the battery and laptop.

4.3 Software Updates

Regularly check for and install Windows updates and driver updates (especially for graphics and chipset) to ensure optimal performance and security. You can typically find driver updates on the Aausda support website or AMD's official website for the Athlon processor.

5. TROUBLESHOOTING

If you encounter issues with your laptop, refer to the following common troubleshooting steps:

- **Laptop not powering on:** Ensure the charger is securely connected and the power outlet is functional. Try pressing and holding the power button for 10-15 seconds.
- **Screen issues (no display, flickering):** Connect an external monitor via HDMI to check if the issue is with the laptop's internal display. Restart the laptop.
- **Slow performance:** Close unnecessary applications, check for background processes, ensure sufficient free storage space, and run a malware scan.
- **Connectivity problems (Wi-Fi, Bluetooth):** Check if wireless adapters are enabled in Windows settings. Restart your router/modem for Wi-Fi issues.
- **Keyboard or touchpad not responding:** Restart the laptop. Ensure no external devices are interfering.
- **Overheating:** Ensure the laptop's vents are clear and not obstructed. Use the laptop on a hard, flat surface to allow for proper airflow.

For persistent issues, please contact Aausda customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	Aausda
Model Name	T156A-3050E-32GB+1TB
Item Model Number	3050E
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (Full HD IPS)

Processor	AMD Athlon Silver 3050E (1.4 GHz base, up to 2.8 GHz)
RAM	32 GB DDR4 SDRAM (2400 MHz)
Storage	1 TB SSD (PCIe x 2 interface)
Graphics Coprocessor	RX Vega 3 (Integrated Graphics)
Operating System	Windows 11 Pro
Wireless Type	802.11a/b/g/n (Wi-Fi 5), Bluetooth 5.0
USB Ports	1x USB 3.0, 2x USB 2.0, 1x Type-C (Full-Featured)
Other Ports	HDMI, 3.5mm Headphone Jack, TF Card Slot, DC Jack, Security Lock Slot
Item Weight	3.7 pounds
Product Dimensions	14 x 11 x 0.7 inches
Color	Pink
Special Features	Anti Glare Coating, Backlit Keyboard, Fingerprint Reader, Numeric Keypad, Portable
Battery	1x 12V battery (included)

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

Your Aausda laptop comes with a 2-year manufacturer-backed coverage. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Aausda laptop, please contact our customer support team:

- **Email:** Aausda.ltd@gmail.com (as per A+ content FAQ)
- **Online:** Log in to your Amazon buyer account, find your order, and click "Get Help" or "Ask questions" to reach the seller.

When contacting support, please provide your order number and a detailed description of the issue, including any relevant videos or screenshots.



Figure 9: Aausda Customer Support. This image provides contact details for Aausda customer care, including instructions for reaching support via Amazon and an email address for direct contact, along with information about the two-year after-sales service.

