

STGAubron ABR1724

STGAubron Dual CPU Gaming PC User Manual

Model: ABR1724 | Brand: STGAubron

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your STGAubron Dual CPU Gaming PC. Designed for high-performance tasks, this desktop is ideal for gaming, study, home, business, photo and video editing, streaming, day trading, and crypto trading. It features Dual Intel Xeon E5 processors, a GeForce GTX 1660 Super 6G graphics card, 16GB DDR4 memory, and a 1TB SSD, ensuring smooth performance across various applications and games.

2. SETUP GUIDE

Follow these steps to set up your new STGAubron Gaming PC:

- 1. Unboxing:** Carefully remove the PC and all accessories from the packaging. Ensure all components, including the RGB gaming mouse and keyboard, are present.
- 2. Placement:** Place the PC on a stable, flat surface with adequate ventilation to prevent overheating.
- 3. Connect Peripherals:**
 - Connect your monitor(s) to the graphics card (NVIDIA GEFORCE GTX 1660 Super 6G GDDR6) using the available HDMI or DisplayPort outputs.
 - Plug in the included RGB gaming mouse and keyboard into the available USB ports.
 - Connect any other desired peripherals such as speakers, headphones, or external drives.
- 4. Power Connection:** Connect the power cable to the PC's power supply unit and then to a grounded electrical outlet.
- 5. Initial Boot-up:** Press the power button on the front of the PC. The system will boot into Windows 10 Pro. Follow the on-screen instructions for initial setup, including network configuration (600M Wi-Fi and USB Bluetooth 5.0 are supported).
- 6. Driver Installation:** While Windows 10 Pro is pre-installed and digitally activated, it is recommended to check for and install the latest drivers for your graphics card and other components for optimal performance.



Figure 2.1: STGAubron Dual CPU Gaming PC with included RGB keyboard and mouse.



Figure 2.2: Side view showcasing the internal RGB fans and spacious interior.

3. OPERATING INSTRUCTIONS

Your STGAubron Dual CPU Gaming PC is designed for versatile high-performance use. Here are key features and usage tips:

- **Dual CPU Power:** Equipped with Dual Intel Xeon E5 processors (up to 3.7GHz 4-Core), this PC delivers exceptional multi-tasking and processing power for demanding applications.
- **Gaming Performance:** The NVIDIA GEFORCE GTX 1660 Super 6G GDDR6 Video Card ensures smooth gameplay for popular titles like Fortnite, Call of Duty Warzone, GTA V, and more, often exceeding 60+ FPS.
- **Storage and Memory:** With 16GB DDR4 Memory and a 1TB Solid State Drive (SSD), experience fast boot times, quick application loading, and ample storage for your games and files.
- **Connectivity:** Utilize the 600M Wi-Fi and USB Bluetooth 5.0 for seamless wireless connections. The PC also includes 1x RJ-45 for wired networking, 1x HDMI, and 3x DisplayPort for multiple monitor setups.
- **RGB Lighting:** The PC features 4 RGB fans, providing customizable lighting effects to enhance your gaming setup.

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Video 3.1: An official product video demonstrating the STGAubron Gaming PC's features and capabilities, including its performance in various applications and games.



Figure 3.1: Illustration highlighting the dual CPU architecture for enhanced performance.



Figure 3.2: The NVIDIA GeForce GTX 1660 Super 6G GDDR6 graphics card, essential for high-fidelity gaming and graphic-intensive tasks.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PC:

- **Regular Cleaning:** Use compressed air to periodically clean dust from the internal components, especially the fans and heatsinks, to maintain efficient cooling.
- **Software Updates:** Keep your Windows operating system, drivers, and applications updated to the latest versions for security and performance improvements.
- **Ventilation:** Ensure the PC's vents are not obstructed to allow for proper airflow and prevent overheating.
- **Cable Management:** Organize internal and external cables to improve airflow and prevent accidental disconnections.

5. TROUBLESHOOTING

If you encounter issues with your STGAubron Gaming PC, consider the following common solutions:

- **PC Not Powering On:**
 - Check all power connections, including the power cable to the PC and the wall outlet.
 - Ensure the power supply switch on the back of the PC is in the 'On' position.
- **No Display on Monitor:**
 - Verify that the monitor is powered on and correctly connected to the graphics card's HDMI or DisplayPort.
 - Try a different port or cable if available.
- **Peripherals (Keyboard/Mouse) Not Responding:**
 - Ensure the USB cables are securely plugged into the PC's USB ports.
 - Try connecting them to different USB ports.
 - If using wireless peripherals, check battery levels and ensure proper pairing.
- **Wi-Fi Connectivity Issues:**
 - Restart your router and modem.
 - Ensure Wi-Fi drivers are up to date.
 - Check Windows network settings to ensure Wi-Fi is enabled and connected to the correct network.
- **System Performance Issues (Lag/Slowdown):**
 - Close unnecessary background applications.
 - Ensure sufficient free space on the 1TB SSD.
 - Check for malware or viruses.
 - Verify that the PC is not overheating; clean fans if necessary.

For further assistance, please contact STGAubron support:

- **Email:** support@astsys.com
- **Phone:** 1-855-489-0795 (EXT.224) (Monday-Friday 9am-5pm EST)

6. SPECIFICATIONS

Detailed specifications for your STGAubron Dual CPU Gaming PC (Model ABR1724):

Component	Specification
Brand	STGAubron
Model Number	ABR1724

Hardware Platform	PC
Operating System	Windows 10 Pro
Processor	Dual Intel Xeon E5 (up to 3.7GHz 4-Core)
RAM	16 GB DDR4 DIMM
Hard Drive	1 TB SSD (Solid State Drive)
Graphics Coprocessor	NVIDIA GeForce GTX 1660 Super
Graphics Card RAM Size	6 GB GDDR6
Max Screen Resolution	3840x2160 Pixels
Connectivity	600M Wi-Fi, USB Bluetooth 5.0, 1x RJ-45, 1x HDMI, 3x DisplayPort
Cooling	RGB Fan x 4
Item Weight	26.7 pounds
Color	Black



Figure 6.1: Internal view of the PC highlighting key components and their specifications.

7. WARRANTY AND SUPPORT

STGAubron is committed to providing excellent customer service and support for your product:

- **Warranty:** The PC comes with a 1-year parts and labor warranty, and 365-day warranty coverage.
- **Technical Support:** Enjoy free lifetime technical support for your product. Professional services are available within 24 hours for troubleshooting.
- **Exchange Policy:** A 12-month exchange and warranty policy is in place for eligible issues.

- **Contact Methods:** You can reach out to STGAubron through various methods including online, hotline, and email for quick issue resolution.

For support, please use the contact information provided in the Troubleshooting section.