

AsiaHorse Hub-Black

AsiaHorse 2-in-1 ARGB/PWM 9-Port Fan Hub

Model: Hub-Black

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AsiaHorse 2-in-1 ARGB/PWM 9-Port Fan Hub. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage to the device or other components.

PRODUCT OVERVIEW

The AsiaHorse 2-in-1 ARGB/PWM Fan Hub is designed to simplify PC cooling and lighting management. It combines PWM fan speed control and Addressable RGB (ARGB) lighting synchronization into a single unit, offering extensive connectivity for up to nine fans and ARGB devices.

Key Features:

- **2-in-1 Design:** Integrates PWM and ARGB cable connections for efficient cable management.
- **9-Port PWM Fan Control:** Connect up to nine PWM fans for synchronized speed control, optimizing cooling performance. The red PWM port is designated for data transmission and must be connected first.
- **9-Port 5V ARGB Expansion:** Expand 5V addressable RGB lighting for up to nine devices, utilizing only one motherboard ARGB header.
- **Motherboard Synchronization:** Compatible with major motherboard RGB software including ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync, and ASRock Polychrome Sync.
- **SATA Power:** Reliable power delivery via SATA connection.
- **Compatibility Note:** This controller is exclusively compatible with 5V 3-pin addressable RGB headers. Do not connect 12V RGB components. Ensure connector arrows align with pin headers during installation.

INTERFEJS VE-NOM



Image: Diagram illustrating the VE-NOM Hub interface, highlighting 9 ARGB 5V fan ports, 9 PWM fan ports, the PWM data main line, PWM/ARGB input, and SATA power connection.

SYNCHRONIZOWANE PODŚWIETLENIE RGB

Obsługa ASUS Aura, GIGABYTE Fusion,
MSI Mystic Light oraz ASRock Polychrome



Image: The AsiaHorse Hub displaying synchronized RGB lighting, indicating compatibility with various motherboard RGB software.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x AsiaHorse 2-in-1 ARGB/PWM Fan Hub
- 1x SATA Power Cable
- 1x ARGB/PWM Motherboard Sync Cable
- 1x Velcro Tape (for mounting)
- 1x Instruction Manual (this document)

ZAWARTOŚĆ OPAKOWANIA



- 1x HUB
- 1x Instrukcja
- 1x Zasilacz SATA
- 1x Kabel ARGB/PWM
- 1x Taśma rzepowa

Image: The complete package contents, including the hub, cables, and mounting accessories.

SAFETY INFORMATION

- Always disconnect power from your PC before installing or removing any components.
- Ensure proper grounding to prevent electrostatic discharge (ESD) damage.
- This hub is designed for 5V 3-pin ARGB devices only. Connecting 12V 4-pin RGB devices will cause damage.
- Verify all cable connections are secure and correctly oriented before powering on your system.
- Keep the hub away from liquids and extreme temperatures.

SETUP AND INSTALLATION

Follow these steps to install your AsiaHorse Fan Hub:

1. **Prepare Your System:** Power off your computer and disconnect it from the power outlet. Open your PC case.
2. **Mount the Hub:** Choose a suitable location within your PC case, typically on a flat surface or behind the

motherboard tray. Use the provided Velcro tape to secure the hub. Ensure the hub is positioned to allow for easy cable routing.

3. **Connect SATA Power:** Connect the provided SATA power cable to the hub's SATA power input and to an available SATA power connector from your power supply unit (PSU).
4. **Connect Motherboard Sync Cable:** Connect the ARGB/PWM motherboard sync cable to the hub's input port and to an available 5V 3-pin ARGB header on your motherboard. **Important:** Ensure the arrow on the connector aligns with the +5V pin on the motherboard header.
5. **Connect PWM Fans:** Connect your PWM fans to the fan ports on the hub. The red PWM port (FAN1) is the primary data port and should be connected first, ideally to a fan that will serve as the RPM reference for the others.
6. **Connect ARGB Devices:** Connect your 5V 3-pin ARGB devices (e.g., LED strips, other ARGB fans) to the ARGB ports on the hub. Ensure correct pin orientation.
7. **Cable Management:** Route all cables neatly to improve airflow and aesthetics. The 2-in-1 design helps in managing complex wiring.
8. **Final Check:** Double-check all connections for security and correct orientation. Close your PC case.
9. **Power On:** Reconnect your PC to the power outlet and power it on.

PROSTE ZARZĄDZANIE OKABLOWANIEM



Image: The AsiaHorse Hub installed vertically in a PC case, demonstrating simplified cable management.

VE-NOM HUB



LIGHTNING
TRANSMISSION



9-IN-1 OUTPUT



SAFE AND STABLE



GOOD HEAT DISSIPATION



POROUS CONNECTION



SAVE SPACE

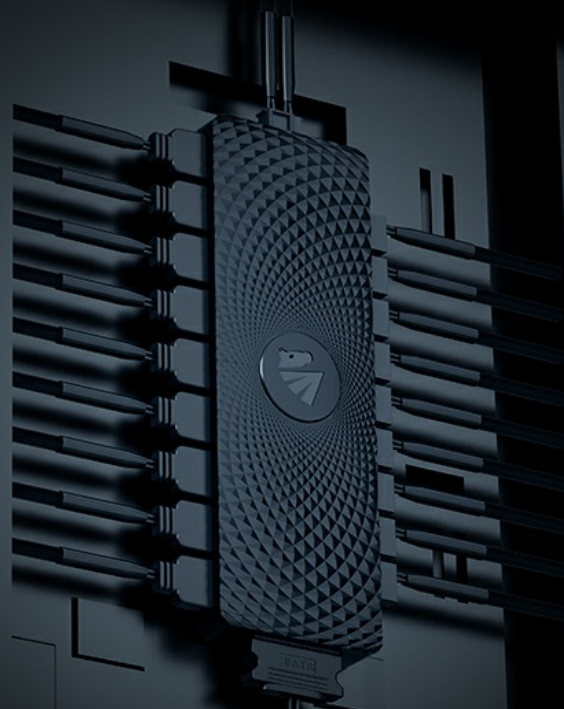


Image: The VE-NOM Hub with various feature icons, indicating its capabilities for lightning transmission, 9-in-1 output, safety, heat dissipation, porous connection, and space saving.

ZASADA DZIAŁANIA

Rozwiązanie problemu braku portów
Rozszerzenie możliwości połączeń

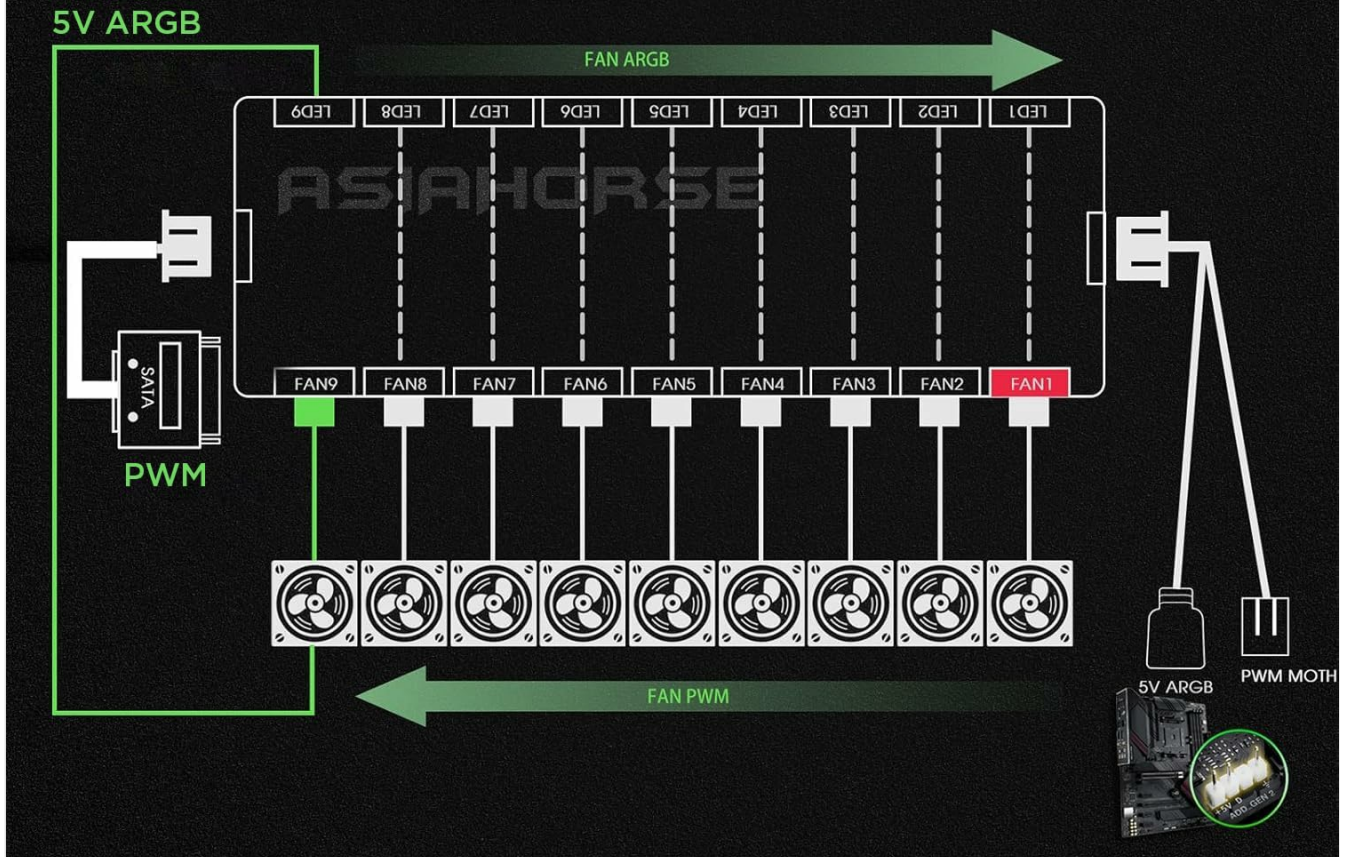


Image: A detailed diagram showing the connection principle of the AsiaHorse Hub, including 5V ARGB, PWM, SATA power, and motherboard connections.

OPERATING INSTRUCTIONS

Once installed, the AsiaHorse Fan Hub operates in conjunction with your motherboard's fan and RGB control software.

- **Fan Speed Control:** The PWM fans connected to the hub will be controlled by the motherboard's PWM signal, typically managed through your motherboard's BIOS/UEFI settings or dedicated software (e.g., Fan Xpert for ASUS, Smart Fan 5 for GIGABYTE).
- **ARGB Lighting Control:** The ARGB devices connected to the hub will synchronize with your motherboard's 5V 3-pin ARGB header. Use your motherboard's RGB software (e.g., ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync, ASRock Polychrome Sync) to customize lighting effects and colors.
- **Real-time Synchronization:** The hub supports real-time synchronization of both fan speed and ARGB lighting, allowing for a cohesive system aesthetic and performance.

SYNCHRONIZACJA W CZASIE RZECZYWISTYM

9 portów ARGB 5V
9 portów PWM 4-pinowych

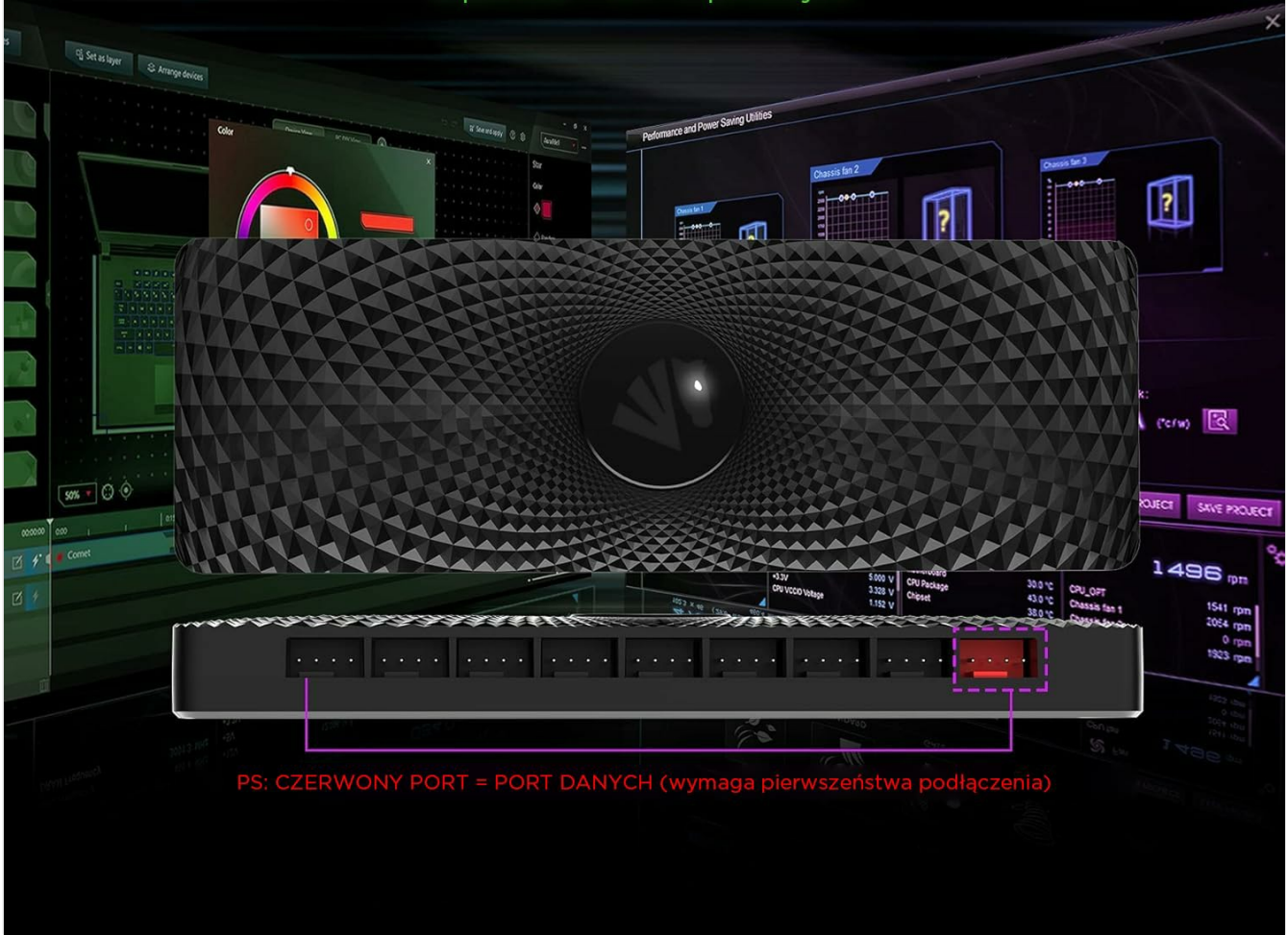


Image: A visual representation of the AsiaHorse Hub's real-time synchronization capabilities for ARGB and PWM, showing 9 ARGB 5V ports and 9 PWM 4-pin ports.

MAINTENANCE

The AsiaHorse Fan Hub requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Periodically clean the hub and its connections using compressed air to remove dust buildup. Ensure the PC is powered off and unplugged before cleaning.
- **Connection Check:** Occasionally check that all cables are securely connected to the hub and motherboard.
- **Software Updates:** Keep your motherboard's BIOS/UEFI and RGB control software updated to ensure optimal compatibility and performance with the hub.

TROUBLESHOOTING

If you encounter issues with your AsiaHorse Fan Hub, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fans not spinning or not controllable.	<ul style="list-style-type: none"> No power to the hub. Incorrect PWM cable connection. Motherboard BIOS settings. 	<ul style="list-style-type: none"> Ensure SATA power cable is securely connected to both the hub and PSU. Verify the PWM motherboard sync cable is correctly connected to the hub and the motherboard's PWM header. Ensure the red PWM port (FAN1) on the hub is connected to a fan. Check your motherboard's BIOS/UEFI settings to ensure fan headers are set to PWM mode and not DC mode.
ARGB lighting not working or incorrect colors.	<ul style="list-style-type: none"> Incorrect ARGB cable connection. Connecting 12V RGB devices. Motherboard RGB software issues. 	<ul style="list-style-type: none"> Ensure the ARGB motherboard sync cable is correctly connected to the hub and the motherboard's 5V 3-pin ARGB header. Verify arrow alignment. Do not connect 12V 4-pin RGB devices to this hub. This will damage the hub and/or devices. Ensure your motherboard's RGB software is installed and up-to-date. Restart the software or your PC.
Hub not detected by motherboard.	<ul style="list-style-type: none"> Loose or incorrect motherboard sync cable. Motherboard header issue. 	<ul style="list-style-type: none"> Verify the ARGB/PWM motherboard sync cable is firmly connected to both the hub and the motherboard. Try connecting the sync cable to a different 5V 3-pin ARGB header on your motherboard, if available.

SPECIFICATIONS

Feature	Specification
Brand	AsiaHorse
Model Number	Hub-Black
Power Connector Type	SATA
Fan Connector Type	4-pin PWM
ARGB Connector Type	3-pin 5V ARGB
Number of PWM Fan Ports	9
Number of ARGB Ports	9
Voltage	12 Volts (for fans), 5 Volts (for ARGB)
Wattage	2.7 W (Hub power consumption)

Feature	Specification
Max Power Supported	32.4 W (Total for connected devices)
Max RGB LEDs per Port	180 (total), 120 (if 9 fans connected simultaneously)
Cooling Method	N/A (Hub is passive, controls active cooling)
Compatible Devices	PC Computer Components, Desktop Computers
Item Weight	110 Grams

WARRANTY AND SUPPORT

AsiaHorse products are designed for reliability and performance. For warranty information and technical support, please refer to the official AsiaHorse website or contact their customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, you may visit the AsiaHorse store on Amazon:[AsiaHorse Store](#)