

## HYTE FP12

# HYTE Thicc FP12 120mm High Performance Fan (3-Pack) Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your HYTE Thicc FP12 120mm High Performance Fans. The FP12 fans are designed for superior cooling performance in PC systems, featuring a 32mm thick frame, Liquid Crystal Polymer blades, and Nexus Link connectivity. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury to yourself:

- Ensure your computer system is powered off and disconnected from the main power supply before installation or maintenance.
- Handle components with care to avoid electrostatic discharge (ESD). Consider using an anti-static wrist strap.
- Do not attempt to modify the fans or cables. Unauthorized modifications may void your warranty and pose safety risks.
- Keep fans away from liquids and excessive moisture.
- Ensure proper ventilation around the fan installation area.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 3 x HYTE THICC FP12 Performance Fans
- 24 x Mounting Screws
- 5 x Nexus Link Cables



Image: The HYTE Thicc FP12 fan 3-pack, showcasing the fans and their design.

## 4. SETUP AND INSTALLATION

Follow these steps for proper installation of your HYTE Thicc FP12 fans.

### 4.1 Physical Installation

1. Identify the desired mounting location for your fans (e.g., PC case fan mounts, radiator).
2. Align the fan with the mounting holes. Note the direction of airflow indicated by arrows on the fan frame.
3. Secure each fan using four mounting screws provided. Do not overtighten.



Image: An individual HYTE Thicc FP12 fan, showing its robust frame and blade design.

## 4.2 Nexus Link Connectivity

The HYTE Thicc FP12 fans utilize Nexus Link for simplified daisy-chaining and control.

1. Locate the Nexus Link ports on the side of each fan.
2. Connect the fans sequentially using the provided Nexus Link cables. The magnetic connectors ensure a secure fit.
3. Connect the last fan in the chain to a compatible Nexus Link controller (sold separately) or a motherboard header if using a Nexus Link secondary node with 4-pin PWM support.



Image: Close-up view of two HYTE Thicc FP12 fans being connected using their magnetic Nexus Link ports.



Image: A single HYTE Thicc FP12 fan with a Nexus Link cable securely connected to its port.

### 4.3 Software Installation (HYTE Nexus)

For full control and monitoring, download and install the HYTE Nexus software from the official HYTE website. This software allows for fan speed adjustment, monitoring, and customization.

## 5. OPERATING INSTRUCTIONS

Once installed and connected, your HYTE Thicc FP12 fans are ready for operation.

### 5.1 Fan Speed Control

The fans operate within a 0-3,000 RPM range. Fan speed can be controlled via:

- **HYTE Nexus Software:** Provides granular control over fan curves, allowing you to set speeds based on temperature sensors.
- **Motherboard PWM:** If connected via a 4-pin PWM header (using a compatible Nexus Link secondary node), fan speed can be managed through your motherboard's BIOS or fan control software.

### 5.2 Zero RPM Mode

The HYTE Thicc FP12 fans support a Zero RPM mode, where the blades completely stop spinning under

light workloads to achieve silent operation. This mode is typically configurable through the HYTE Nexus software or your motherboard's fan control settings.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fans.

### 6.1 Cleaning

- Periodically inspect the fan blades and frame for dust accumulation.
- With the system powered off, use compressed air or a soft, dry cloth to gently remove dust from the fan blades and housing.
- Do not use liquid cleaners or immerse the fans in water.

## 7. TROUBLESHOOTING

If you encounter issues with your HYTE Thicc FP12 fans, refer to the following common solutions:

- **Fans not spinning:** Ensure all power cables and Nexus Link connections are securely seated. Verify that the fan speed settings in HYTE Nexus or BIOS are not set to 0 RPM.
- **Excessive noise:** Check for any obstructions preventing the fan blades from rotating freely. Ensure mounting screws are tightened appropriately. Adjust fan speed settings to a lower RPM if noise is a concern.
- **Fans not detected by software:** Confirm that the Nexus Link controller (if used) is properly connected to the motherboard and powered. Reinstall the HYTE Nexus software.
- **Incorrect airflow:** Verify that the fans are oriented correctly, with airflow arrows pointing in the desired direction.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	FAN-HYTE-FP12-BW-3
Fan Dimensions	120mm x 120mm x 32mm
Fan Speed	0 - 3,000 RPM
Airflow	Up to 105.8 CFM
Static Pressure	Up to 8.14 mm-H2O
Noise Level	Up to 47.3 dB
Blade Material	Fiberglass Reinforced Liquid Crystal Polymer (LCP)
Connectivity	Nexus Link Type-M (sequential), Legacy 4-pin PWM support

Feature	Specification
Voltage	12 Volts
Wattage	9.6 watts
Cooling Method	Fan
Compatible Devices	Desktop

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## 9. WARRANTY AND SUPPORT

HYTE products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the official HYTE website or contact HYTE customer support.

For technical assistance, troubleshooting, or further inquiries, please visit the official HYTE support page or contact their customer service department. Keep your proof of purchase for warranty claims.

**HYTE Official Website:** [hyte.com](https://hyte.com)

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