TEAMGROUP FF3D532G6000HC38ADC01

TEAMGROUP T-Force Delta RGB DDR5 RAM Instruction Manual

Model: FF3D532G6000HC38ADC01

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your TEAMGROUP T-Force Delta RGB DDR5 RAM module. Designed for desktop computers, this high-performance memory module offers enhanced speed and efficiency for demanding applications and gaming. Please read this manual thoroughly before proceeding with installation or operation.
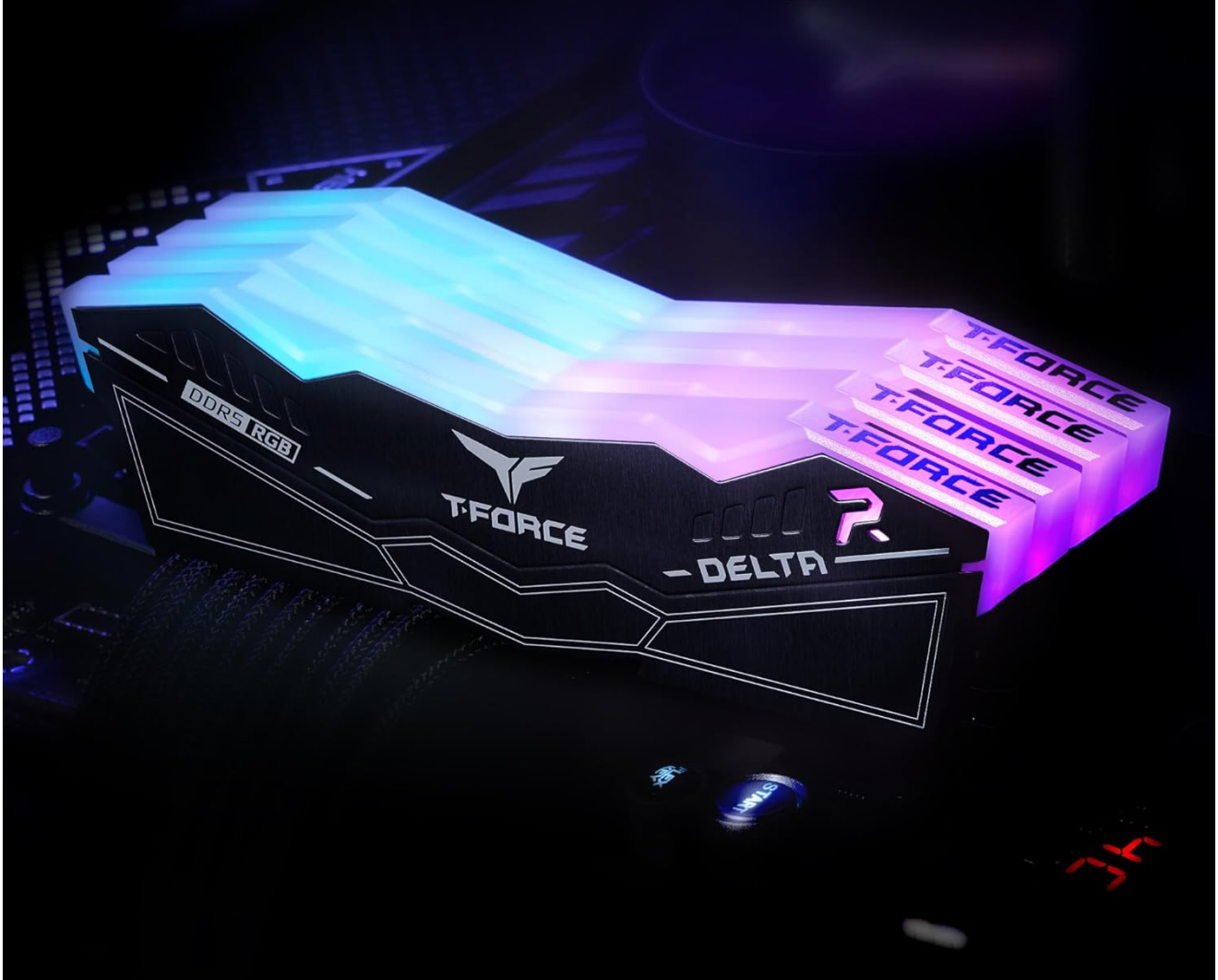
Figure 1: TEAMGROUP T-Force Delta RGB DDR5 RAM modules

2. Key Features

- **DDR5 Technology:** Leading the way into a new overclocking generation, supporting Intel XMP 3.0 for one-click overclocking. Compatible with Intel 600 & 700 Series Chipsets.
- **RGB Lighting:** Features vibrant RGB colors and 120° ultra-wide lighting. Equipped with a smart RGB IC controller that supports various lighting effect software.
- **Efficient Power Management:** Power Management ICs (PMICs) are equipped for stable and efficient power usage.
- **Enhanced Cooling:** Strengthened PMIC cooling design with professional thermally conductive silicon.
- **Stability & Reliability:** High-quality ICs selected for optimal stability and reliability.

3. Safety Precautions

Before handling any computer components, ensure your system is powered off and unplugged from the wall outlet. It is recommended to wear an anti-static wrist strap or frequently touch a grounded metal object to prevent electrostatic

discharge (ESD), which can damage sensitive electronic components. Handle the RAM modules by their edges to avoid touching the gold contacts or integrated circuits.

4. INSTALLATION GUIDE

1. **Prepare Your System:** Power off your computer and unplug the power cord. Open your computer case to access the motherboard.

2. **Locate RAM Slots:** Identify the DDR5 RAM slots on your motherboard. Consult your motherboard's manual for the recommended slot configuration for dual-channel operation (typically slots A2 and B2).

3. **Open Retention Clips:** Gently push down the retention clips at both ends of the RAM slot to open them.

4. **Align the Module:** Hold the RAM module by its edges. Align the notch on the bottom of the module with the key in the RAM slot. Ensure the module is oriented correctly.

5. **Insert the Module:** Place the module into the slot and apply firm, even pressure to both ends until the retention clips snap into place, securing the module.

6. **Repeat for Additional Modules:** If installing multiple modules, repeat steps 3-5 for each module in the recommended slots.

7. **Close Case and Power On:** Close your computer case, plug in the power cord, and power on your system.
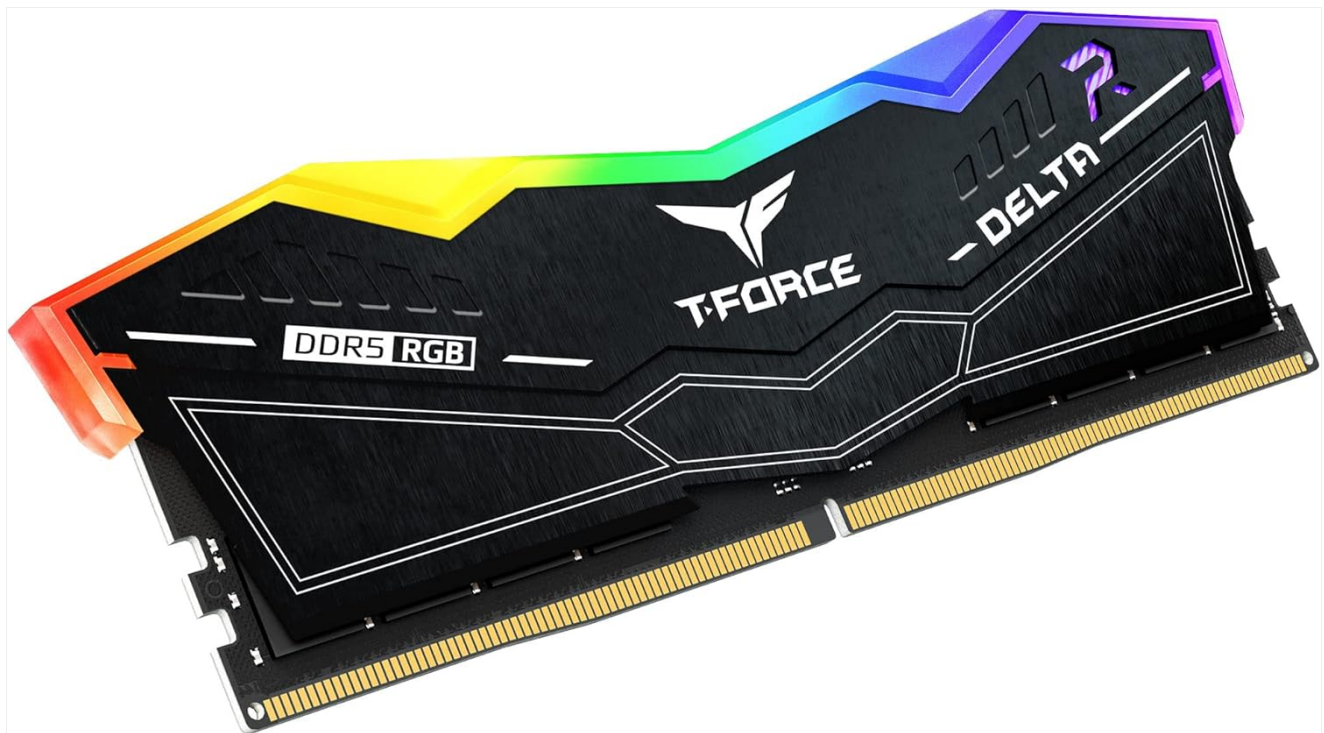

Figure 2: Single TEAMGROUP T-Force Delta RGB DDR5 RAM module

Installation Video

Your browser does not support the video tag.

Video 1: Overview of TEAMGROUP T-Force Delta RGB DDR5 Desktop Memory, including installation steps and features.

5. OPERATING INSTRUCTIONS

5.1. Activating XMP/EXPO

To achieve the advertised speeds (e.g., 6000MHz), you must enable the Intel XMP 3.0 (Extreme Memory Profile) or AMD EXPO profile in your motherboard's BIOS/UEFI settings. Refer to your motherboard's manual for specific instructions on

how to access and enable these profiles. Enabling XMP/EXPO allows the RAM to operate at its optimal performance settings.

Figure 3: Intel XMP 3.0 support for one-click overclocking

5.2. RGB Lighting Control

The T-Force Delta RGB DDR5 modules feature customizable RGB lighting. To control and synchronize the lighting effects, download and install the appropriate RGB synchronization software from your motherboard manufacturer (e.g., ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync, ASRock Polychrome Sync). This software allows you to choose from various colors and lighting patterns.

Figure 4: T-Force Delta RGB DDR5 RAM with customizable lighting

6. Maintenance

DDR5 RAM modules generally require minimal maintenance. Ensure your computer case has adequate airflow to prevent overheating, especially during prolonged high-performance use. Periodically, with the system powered off and unplugged, you may gently clean any dust accumulation on the RAM modules using compressed air. Avoid using liquids or abrasive materials.

7. Troubleshooting

- **System Not Booting/No Display:** Ensure RAM modules are fully seated in their slots. Try re-seating them firmly. If using multiple modules, try booting with one module at a time to identify a faulty stick.
- **Incorrect RAM Speed:** Verify that XMP (Intel) or EXPO (AMD) is enabled in your motherboard's BIOS/UEFI settings. If the system is unstable at the advertised speed, try updating your motherboard's BIOS to the latest version.
- **RGB Lighting Not Working:** Check that all necessary RGB cables (if any) are connected correctly. Ensure your motherboard's RGB synchronization software is installed and updated.
- **System Instability/Crashes:** This can sometimes be related to memory. Ensure your motherboard BIOS is updated. If overclocking, try reverting to default settings or a lower XMP/EXPO profile.

For further troubleshooting, consult your motherboard's manual or the TEAMGROUP official website for technical support.

8. Product Specifications

Specification	Detail
RAM Capacity	32 GB (2x16GB)
Memory Type	DDR5 SDRAM
Memory Speed	6000 MHz
CAS Latency (CL)	CL38 (38-38-38-78)
Voltage	1.25 Volts
Compatibility	Intel XMP 3.0 & AMD Expo, Desktop
Color	Black
Model Number	FF3D532G6000HC38ADC01
Product Dimensions	5.68 x 0.28 x 1.79 inches

Item Weight	1.59 ounces

9. Warranty and Support

This TEAMGROUP T-Force Delta RGB DDR5 RAM module comes with a lifetime warranty. For any technical assistance, product inquiries, or warranty claims, please visit the official TEAMGROUP website for free technical support and customer service. Ensure you retain your proof of purchase for warranty purposes.