

TEAMGROUP FF4D532G6000HC30DC01

TEAMGROUP T-Force Delta RGB DDR5 RAM User Manual

Model: FF4D532G6000HC30DC01

Brand: TEAMGROUP

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your TEAMGROUP T-Force Delta RGB DDR5 RAM. This high-performance memory module is designed for desktop systems, offering 32GB (2x16GB) at 6000MHz with CL30 timings, and is compatible with Intel XMP 3.0 and AMD Expo for optimized performance.

The T-Force Delta RGB DDR5 RAM features vibrant RGB lighting with 120° ultra-wide illumination, controlled by a smart RGB IC controller that supports various lighting effect software. It incorporates a strengthened PMIC cooling design and on-die ECC for enhanced stability and reliability.

2. SETUP AND INSTALLATION

Before proceeding with installation, ensure your motherboard supports DDR5 memory and refer to your motherboard's Qualified Vendor List (QVL) for compatibility. Always power off your computer and disconnect it from the power source before handling internal components.

- 1. Preparation:** Power down your computer completely and unplug the power cable. Open your computer case.
- 2. Locate DIMM Slots:** Identify the DDR5 DIMM slots on your motherboard. Consult your motherboard manual for the correct slot configuration for dual-channel memory.
- 3. Open Retention Clips:** Gently push open the retention clips at both ends of the DIMM slot.
- 4. Insert Memory Module:** Align the notch on the memory module with the key in the DIMM slot. Apply even pressure to both ends of the module until it clicks into place and the retention clips close automatically.
- 5. Secure and Close:** Ensure both modules are securely seated. Close your computer case and reconnect the power cable.

DELTA RGB DDR5 GAMING MEMORY

Intel XMP 3.0 & AMD Expo Compatible



Figure 2.1: Proper installation of T-Force Delta RGB DDR5 RAM modules into a motherboard.

Intel XMP3.0 Support For One-Click Overclocking

Experience ultra-fast overclocking speeds at a single click



Figure 2.2: The RAM modules support Intel XMP 3.0 for one-click overclocking.

3. OPERATING INSTRUCTIONS

Once installed, your TEAMGROUP T-Force Delta RGB DDR5 RAM will operate at its default JEDEC speeds. To achieve the advertised 6000MHz speed and optimal performance, you will need to enable Intel XMP 3.0 or AMD Expo in your motherboard's BIOS/UEFI settings.

3.1 Enabling XMP/EXPO

1. **Access BIOS/UEFI:** Restart your computer and repeatedly press the designated key (usually Del, F2, F10, or F12) to enter the BIOS/UEFI setup.
2. **Locate Memory Settings:** Navigate to the memory or overclocking section. This is often found under "AI Tweaker," "OC," or "Advanced Memory Settings."
3. **Enable Profile:** Look for an option like "XMP," "DOCP," or "EXPO Profile." Select the profile that corresponds to the advertised speed (e.g., DDR5-6000).

4. **Save and Exit:** Save your changes and exit the BIOS/UEFI. Your system will restart with the new memory settings applied.

3.2 RGB Lighting Control

The T-Force Delta RGB DDR5 RAM features customizable RGB lighting. You can synchronize the lighting effects with other components using compatible motherboard software. Supported software includes:

- ASRock Polychrome Sync
- ASUS Aura Sync
- GIGABYTE RGB Fusion 2.0
- MSI Mystic Light Sync
- BIOSTAR RGB Sync

Install the appropriate software for your motherboard to customize lighting patterns, colors, and synchronization.

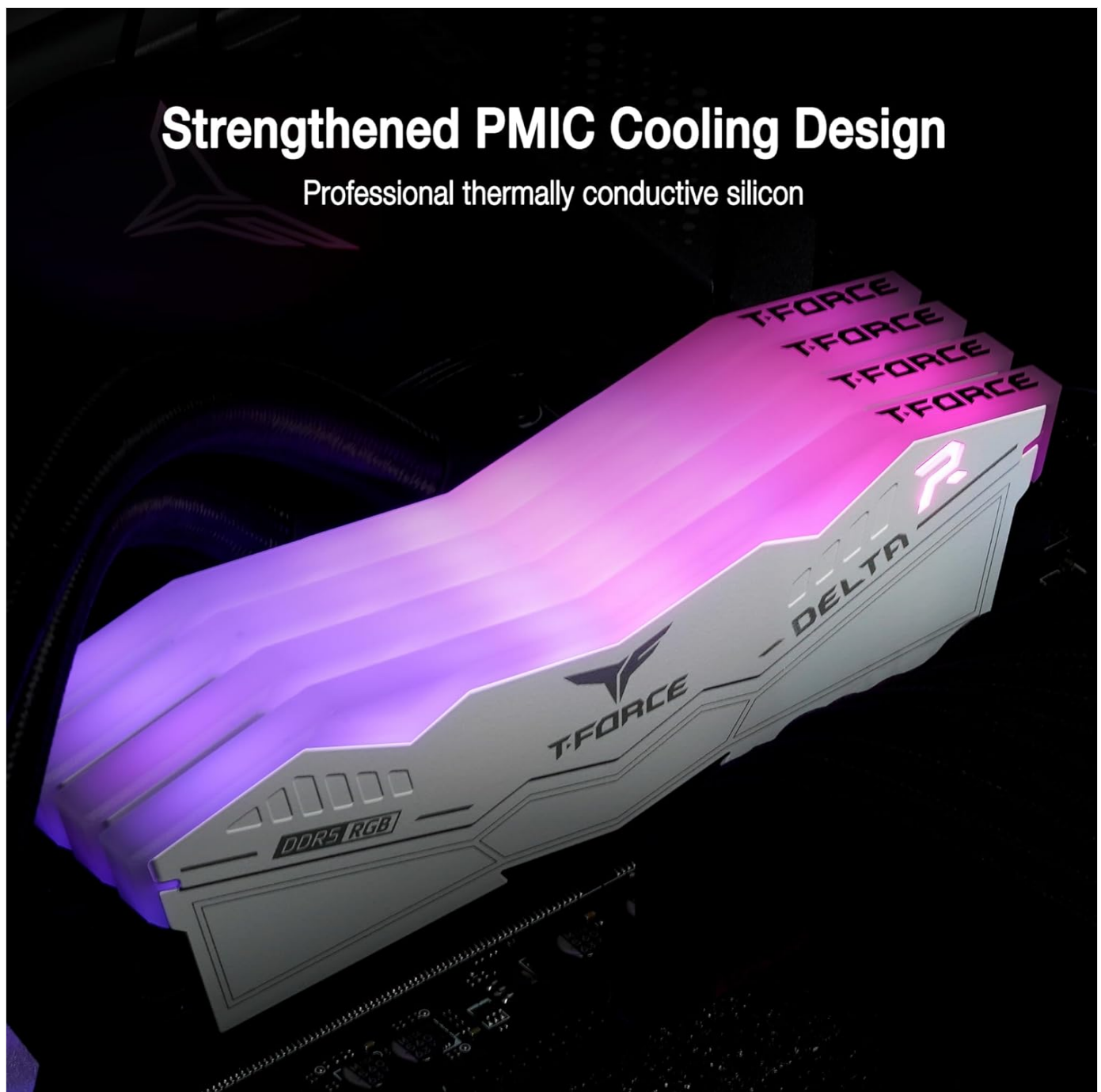


Figure 3.1: The T-Force Delta RGB DDR5 RAM features dynamic RGB lighting.

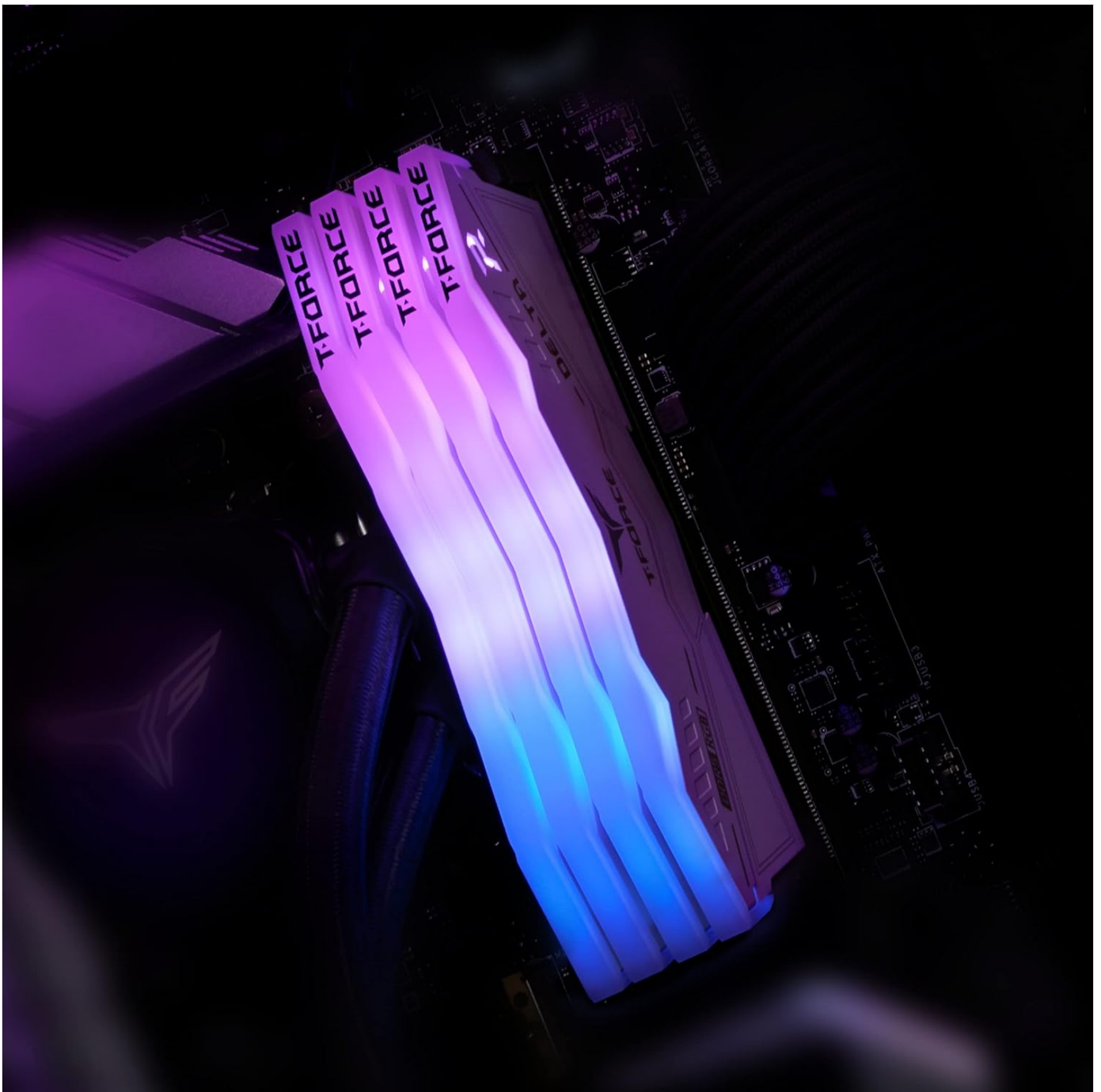


Figure 3.2: RGB lighting can be controlled via motherboard software like ASUS Aura Sync, MSI Mystic Light Sync, and others.

4. MAINTENANCE

TEAMGROUP T-Force Delta RGB DDR5 RAM modules are designed for durability and stable performance. Minimal maintenance is required.

- **Dust Removal:** Periodically clean your computer's interior to prevent dust buildup on the memory modules and other components. Use compressed air to gently remove dust.
- **Proper Handling:** When handling memory modules, always hold them by the edges to avoid touching the gold contacts or the integrated circuits. Static electricity can damage components.
- **Cooling Design:** The strengthened PMIC cooling design helps maintain optimal operating temperatures. Ensure good airflow within your PC case for effective heat dissipation.



Figure 4.1: The strengthened PMIC cooling design ensures stable operation.

5. TROUBLESHOOTING

If you encounter issues with your TEAMGROUP T-Force Delta RGB DDR5 RAM, consider the following troubleshooting steps:

- **System Instability/Crashes:**
 - **Check QVL:** Verify that your motherboard is listed on the Qualified Vendor List (QVL) for this specific memory kit. Incompatibility can lead to instability.
 - **BIOS/UEFI Update:** Ensure your motherboard's BIOS/UEFI is updated to the latest version. Newer BIOS versions often include improved memory compatibility.
 - **CPU Memory Controller (IMC):** The quality of your CPU's integrated memory controller can affect memory stability at higher frequencies. Try running the memory at a slightly lower speed or with looser timings if instability persists.
 - **Reseat Modules:** Power off and unplug your PC. Carefully remove and re-insert the memory modules to ensure they are properly seated in their slots.

- **No Display/Boot Issues:**
 - **Clear CMOS:** Reset your motherboard's CMOS settings (refer to your motherboard manual for instructions). This will revert BIOS settings to default, which can resolve boot issues caused by incorrect memory settings.
 - **Test Modules Individually:** If you have multiple modules, try booting with only one module installed at a time to identify if a specific module is faulty.
- **RGB Lighting Not Working:**
 - **Software Check:** Ensure you have installed the correct RGB control software for your motherboard and that it is up to date.
 - **BIOS Settings:** Some motherboards have BIOS settings that can disable or control RGB headers. Check these settings.

For further assistance, refer to the [User Guide \(PDF\)](#) or contact TEAMGROUP technical support.

6. SPECIFICATIONS

Feature	Detail
Brand	TEAMGROUP
Series	Delta RGB DDR5
Model Number	FF4D532G6000HC30DC01
RAM Capacity	32 GB (2x16GB)
RAM Type	DDR5 SDRAM
Memory Speed	6000 MHz
CAS Latency	CL30 (30-36-36-76)
Voltage	1.35 Volts
Compatible Devices	Desktop
Color	White
Item Weight	1.76 ounces
Product Dimensions	5.68 x 0.28 x 1.81 inches

7. WARRANTY AND SUPPORT

TEAMGROUP T-Force Delta RGB DDR5 RAM comes with a **Lifetime Warranty**. For any technical issues or support inquiries, please visit the official TEAMGROUP website for free technical support and customer service.

Official Website: www.teamgroupinc.com

You can also refer to the [User Guide \(PDF\)](#) for additional information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question