

Kingston KF556C36BBE2A-32

Kingston Fury Beast RGB 32GB 5600MT/s DDR5 CL36 Desktop Memory Instruction Manual

Model: KF556C36BBE2A-32

INTRODUCTION

The Kingston FURY Beast RGB DDR5 memory module is designed to enhance the performance of compatible desktop systems. This module features DDR5 technology, offering increased speed and efficiency. It includes customizable RGB lighting and supports Intel XMP 3.0 and AMD EXPO profiles for optimized performance. This manual provides essential information for the proper installation, operation, and maintenance of your memory module.

PRODUCT OVERVIEW

The Kingston FURY Beast RGB DDR5 memory module combines high performance with aesthetic appeal. Key features include enhanced RGB lighting with a new heat spreader design, patented Kingston FURY Infrared Sync Technology for synchronized lighting, and improved stability for overclocking.

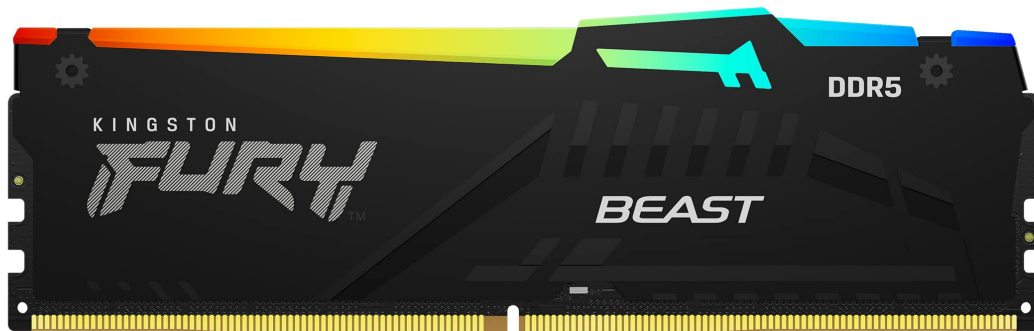


Image 1: Front view of the Kingston Fury Beast RGB DDR5 memory module, showcasing the RGB light bar and heat spreader design.



Image 2: Top-down view of the Kingston Fury Beast RGB DDR5 memory module, highlighting the full length of the RGB light bar.

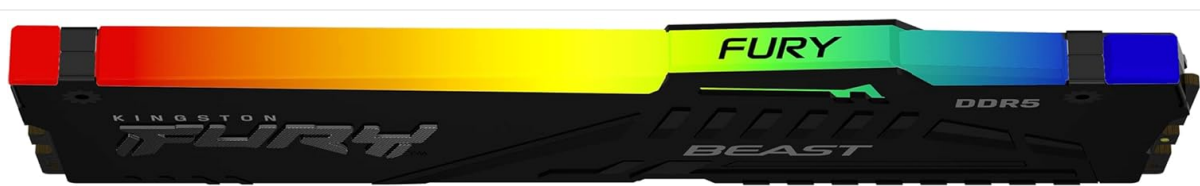


Image 3: Side view of the Kingston Fury Beast RGB DDR5 memory module, showing the heat spreader with Kingston FURY branding.

SETUP AND INSTALLATION

Before installing the memory module, ensure your computer is powered off and unplugged from the wall outlet. It is recommended to wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.

1. **Prepare Your System:** Power down your computer completely and disconnect the power cable. Open the computer case to access the motherboard.
2. **Locate DIMM Slots:** Identify the DDR5 DIMM slots on your motherboard. Consult your motherboard's manual for the correct slot configuration for single or dual-channel memory.
3. **Open Retention Clips:** Gently push the retention clips at both ends of the DIMM slot outwards to open them.
4. **Align Memory Module:** Hold the memory module by its edges, avoiding contact with the gold connectors. Align the notch on the memory module with the key in the DIMM slot. DDR5 modules have a specific notch placement to prevent incorrect insertion.
5. **Insert Memory Module:** Apply even pressure to both ends of the memory module until it seats firmly into the slot and the retention clips snap into place. If the clips do not close automatically, gently push them inwards.
6. **Secure and Power On:** Close your computer case, reconnect the power cable, and power on your system. The system should automatically detect the new memory.

Note: For optimal performance, ensure your motherboard BIOS is updated to the latest version and that XMP (Intel) or EXPO (AMD) profiles are enabled in the BIOS settings after installation. Refer to your motherboard manual for specific instructions on BIOS configuration.

OPERATING THE MEMORY MODULE (RGB LIGHTING & PROFILES)

Your Kingston FURY Beast RGB DDR5 memory module features customizable RGB lighting and supports performance profiles.

- **RGB Lighting Control:** The RGB lighting can be controlled using Kingston FURY CTRL software or through your motherboard's RGB synchronization software (e.g., ASUS Aura Sync, Gigabyte RGB Fusion 2.0, MSI Mystic Light Sync, ASRock Polychrome Sync). Install the appropriate software to customize lighting effects, colors, and patterns.
- **Performance Profiles (XMP/EXPO):** To achieve the advertised speeds (e.g., 5600MT/s), you must enable the Intel XMP 3.0 or AMD EXPO profile in your motherboard's BIOS/UEFI settings. These profiles contain pre-configured timings and voltages for stable, high-speed operation.

Consult your motherboard's manual for detailed instructions on accessing and configuring BIOS/UEFI settings for XMP or EXPO.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your memory module.

- **Cleaning:** Periodically clean your computer's interior to prevent dust buildup on the memory modules and other components. Use compressed air to gently remove dust. Do not use liquid cleaners directly on the memory module.
- **Handling:** Always handle memory modules by their edges. Avoid touching the gold connectors or the integrated circuits (chips) on the module.
- **Storage:** If removing the module for storage, place it in an anti-static bag to protect it from ESD.

TROUBLESHOOTING

If you encounter issues with your Kingston FURY Beast RGB DDR5 memory, try the following steps:

- **System Not Booting/No Display:**
 - Ensure the memory module is fully seated in the DIMM slot. Re-seat the module firmly.
 - Verify that the module is installed in the correct slot(s) according to your motherboard manual.
 - If using multiple modules, try booting with only one module at a time to identify a potentially faulty stick.
- **Incorrect Memory Speed Detected:**
 - Access your motherboard's BIOS/UEFI settings.
 - Enable the Intel XMP 3.0 or AMD EXPO profile to set the memory to its rated speed.
 - Ensure your motherboard and CPU support the memory speed.
- **RGB Lighting Not Working/Synchronizing:**
 - Install or update the Kingston FURY CTRL software.
 - Ensure your motherboard's RGB software is installed and up-to-date.
 - Check for any conflicts between different RGB control software.
- **System Instability/Crashes:**
 - If overclocking, try reverting to default memory settings in BIOS or a lower XMP/EXPO profile.
 - Ensure your power supply unit (PSU) provides sufficient and stable power to all components.

If these steps do not resolve the issue, contact Kingston Technical Support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	Kingston
Series	Kingston FURY Beast DDR5 RGB Memory
Model Number	KF556C36BBE2A-32
RAM Size	32 GB
RAM Memory Technology	DDR5
Memory Speed	5600 MT/s
CAS Latency	CL36
Voltage	1.25 Volts
Compatible Devices	Desktop
Color	Black
Item Weight	0.574 ounces
Product Dimensions (LxWxH)	5.25 x 0.28 x 1.66 inches

WARRANTY AND SUPPORT

Kingston FURY memory modules typically come with a limited lifetime warranty, ensuring peace of mind regarding product defects and malfunctions. For specific warranty terms and conditions, please refer to the official Kingston website or the documentation included with your product.

For technical support, troubleshooting assistance, or warranty claims, please visit the official Kingston support page: [Kingston Support](#)

ADDITIONAL RESOURCES

No official product videos from the seller were available for embedding in this manual.