Kingston KF560C30BBEK2-32

Kingston FURY Beast 32GB (2x16GB) 6000MT/s DDR5 CL30 Desktop Memory User Manual

Model: KF560C30BBEK2-32

1. INTRODUCTION

The Kingston FURY Beast DDR5 memory kit provides high-speed performance, increased capacity, and enhanced reliability for modern desktop computing platforms. This kit includes two 16GB DDR5 memory modules, operating at 6000MT/s with CL30 timings. Designed for next-generation gaming and demanding applications, it supports both Intel XMP 3.0 and AMD EXPO profiles for optimized performance.

Key Features:

- Improved stability for overclocking
- Increased efficiency
- Low-profile heat spreader design
- Intel XMP 3.0 Certified
- AMD EXPO Certified

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- 2 x Kingston FURY Beast 16GB DDR5 Memory Modules (KF560C30BBEK2-32)
- Quick Start Guide (this document)

3. SAFETY INFORMATION

Please read and understand the following safety precautions before installing your memory modules:

- **Electrostatic Discharge (ESD) Protection:** Always handle memory modules by their edges. Wear an anti-static wrist strap or frequently touch a grounded metal object (e.g., your computer case) to discharge static electricity before touching any internal components.
- **Power Off:** Ensure your computer is completely powered off and unplugged from the wall outlet before opening the case or installing components.

- **Compatibility:** Verify that your motherboard supports DDR5 memory and the specific speed and capacity of this kit. Refer to your motherboard's manual for compatibility information.
- **Proper Handling:** Do not force memory modules into slots. They should fit securely with minimal pressure.

4. SETUP AND INSTALLATION

Follow these steps to install your Kingston FURY Beast DDR5 memory modules:

1. **Prepare Your System:**
   - Shut down your computer completely.
   - Unplug the power cord from the wall outlet.
   - Open your computer case.
   - Discharge any static electricity by touching a grounded metal object.

2. **Locate Memory Slots:** Identify the DDR5 memory slots on your motherboard. Consult your motherboard manual for the recommended slot configuration for dual-channel memory (typically slots 2 and 4, or A2 and B2).

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

4. **Insert Memory Module:** Align the notch on the DDR5 memory module with the key in the memory slot. Carefully insert the module straight down into the slot. Apply even pressure to both ends of the module until the retention clips snap into place, securing the module.

5. **Repeat for Second Module:** Install the second memory module into the appropriate slot as per your motherboard's recommendations.

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

Figure 1: Kingston FURY Beast DDR5 memory modules installed in a desktop computer motherboard.

5. OPERATING AND BIOS/UEFI CONFIGURATION

After physical installation, you may need to configure your system's BIOS/UEFI to enable the advertised memory speeds using Intel XMP 3.0 or AMD EXPO profiles.

1. **Access BIOS/UEFI:** During system startup, repeatedly press the designated key (commonly Del, F2, F10, or F12) to enter your motherboard's BIOS/UEFI settings. Consult your motherboard manual for the exact key.

2. **Locate Memory Settings:** Navigate to the memory or overclocking section. This may be labeled as 'Ai Tweaker', 'OC', 'Advanced Memory Settings', or similar.

3. **Enable XMP/EXPO Profile:** Look for an option to enable 'XMP' (Extreme Memory Profile) or 'EXPO' (Extended Profiles for Overclocking). Select the profile that corresponds to the advertised speed (e.g., 6000MT/s).

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

Figure 2: Kingston FURY Beast DDR5 module highlighting AMD EXPO certification.

Figure 3: Kingston FURY Beast DDR5 modules supporting Intel XMP 3.0.

6. Maintenance

Kingston FURY Beast DDR5 memory modules are designed for long-term reliability and require minimal maintenance. Follow these guidelines:

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup on components, including memory modules. Use compressed air to gently remove dust.
- **Avoid Physical Damage:** Handle modules carefully. Do not bend or apply excessive force.
- **Temperature Control:** Ensure adequate airflow within your computer case to maintain optimal operating temperatures for all components.

7. Troubleshooting

If you encounter issues after installing your memory, consider the following troubleshooting steps:

- **No Boot/Black Screen:**

- Ensure modules are fully seated in their slots and retention clips are locked.
- Verify that the modules are installed in the correct slots for dual-channel operation as per your motherboard manual.
- Try booting with only one module installed to identify if a specific module is faulty.
- Reset your motherboard's CMOS (refer to your motherboard manual for instructions).

- **Incorrect Speed Detected:**
  - Access BIOS/UEFI and ensure the XMP or EXPO profile is enabled and correctly selected.
  - Update your motherboard's BIOS/UEFI to the latest version, as this often improves memory compatibility and stability.

- **System Instability/Crashes:**
  - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic or MemTest86) to check for errors.
  - Ensure your power supply unit (PSU) provides sufficient and stable power to all components.

8. SPECIFICATIONS

QUALIFIED BY THE WORLD'S LEADING MOTHERBOARD MANUFACTURERS*

MSI ASUS ASRock GIGABYTE

* Featured on the Qualified Vendor Lists (QVL) of the world's leading motherboard manufacturers.

Kingston FURY Beast DDR5 Memory Specifications

Attribute	Value
Brand	Kingston
Series	Kingston FURY Beast DDR5
Model Number	KF560C30BBEK2-32
RAM Capacity	32 GB (2 x 16GB)
RAM Memory Technology	DDR5 SDRAM
Memory Speed	6000 MT/s
CAS Latency	CL30
Voltage	1.35 Volts
Compatible Devices	Desktop
Color	Black
Item Weight	1.31 ounces
Product Dimensions	5.25 x 0.26 x 1.37 inches
Manufacturer	Kingston Technology Company, Inc.

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: Kingston FURY Beast DDR5 - White & Black. This video provides an overview of the Kingston FURY Beast DDR5 memory modules, showcasing their design and features in both black and white variants, and highlighting their performance capabilities.

10. WARRANTY AND SUPPORT

Kingston Technology Company, Inc. provides a limited lifetime warranty for its memory modules. For detailed warranty information, technical support, or service inquiries, please visit the official Kingston website or contact their customer support directly. Keep your proof of purchase for warranty claims.
For further assistance, you can visit the Kingston Store on Amazon.