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› G.SKILL Trident Z5 RGB Series DDR5 RAM User Manual

G.SKILL F5-7200J3445G16GX2-TZ5RS

G.SKILL Trident Z5 RGB Series DDR5 RAM User Manual

MODEL: F5-7200J3445G16GX2-TZ5RS

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your G.SKILL Trident Z5 RGB Series DDR5 RAM. Please read this manual thoroughly before installation and retain it for future reference. This memory kit is designed to deliver high performance for compatible Intel platforms.



Image: G.SKILL Trident Z5 RGB Series DDR5 RAM modules.

SETUP

Package Contents

- 2 x 16GB G.SKILL Trident Z5 RGB DDR5 RAM Modules
- User Manual (this document)

System Requirements

- Motherboard with DDR5 DIMM slots
- Intel 700/800 Series Chipset with 13th/14th Gen Intel Core Series CPU or Intel Core Ultra 200 Series CPU
- Compatible power supply

Installation

Physical Installation

1. Ensure your computer is powered off and unplugged from the wall outlet.
2. Open your computer case to access the motherboard.
3. Locate the DDR5 DIMM slots on your motherboard. Consult your motherboard manual for recommended slot configuration for dual-channel memory.
4. Gently push open the retention clips at both ends of the DIMM slot.
5. Align the memory module with the DIMM slot, ensuring the notch on the module matches the key in the slot.
6. Apply even pressure to both ends of the memory module until it clicks into place and the retention clips close automatically.
7. Repeat for the second memory module in the appropriate slot.



Image: G.SKILL Trident Z5 RGB RAM modules installed in a desktop PC motherboard.

BIOS Configuration (Intel XMP 3.0)

To achieve the rated overclock speed of 7200MT/s, you must enable the Intel XMP 3.0 profile in your motherboard's BIOS. The memory kit will boot at the SPD speed at default BIOS settings.

1. Power on your computer and enter the BIOS/UEFI setup (usually by pressing DEL or F2 during boot).
2. Navigate to the 'Overclocking', 'AI Tweaker', or 'Advanced Memory Settings' section.
3. Locate the XMP (Extreme Memory Profile) setting and enable it. Select the appropriate XMP 3.0 profile (e.g., Profile 1).
4. Save changes and exit the BIOS. Your system will restart with the new memory settings.



Image: G.SKILL Trident Z5 RGB modules highlighting Intel XMP 3.0 compatibility.

Note: Reaching the rated XMP overclock speed and system stability depends on the compatibility and capability of your specific motherboard and CPU. For a list of G.SKILL QVL certified motherboards, please visit [G.Skill QVL](#).

OPERATING

Basic Operation

Once installed and configured, your G.SKILL Trident Z5 RGB DDR5 RAM will operate automatically, providing enhanced system performance for all your computing tasks, including gaming, content creation, and multitasking.

RGB Lighting Control

The Trident Z5 RGB modules feature customizable RGB lighting. You can personalize the lighting effects, colors, and patterns using G.SKILL's proprietary software or compatible third-party motherboard RGB software (e.g., ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync, ASRock Polychrome Sync).

STREAMLINED RGB LIGHT BAR

Personalize RGB lighting through G.SKILL Trident Z Lighting Control software or supported third party motherboard software.



Image: G.SKILL Trident Z5 RGB modules with active RGB lighting.

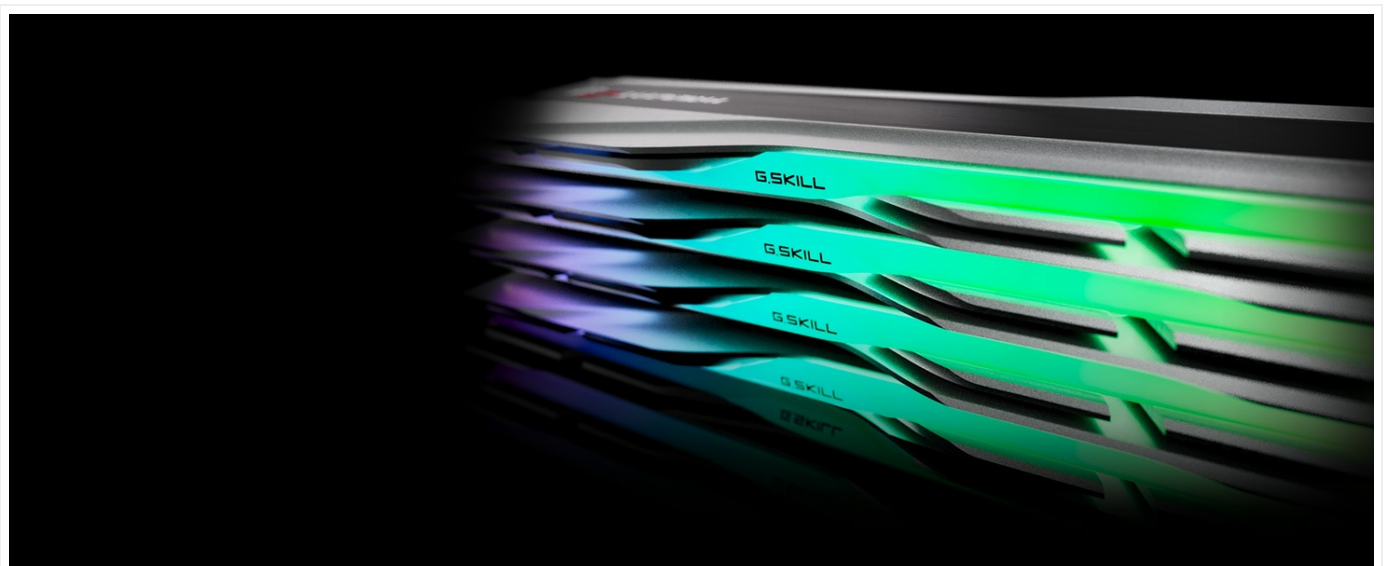


Image: Detailed view of the streamlined RGB light bar on Trident Z5 RGB modules.

Video: An overview of the G.SKILL Trident Z5 RGB memory modules, showcasing their design and dynamic RGB lighting effects. This video highlights the aesthetic appeal and features of the RAM.

MAINTENANCE

Cleaning

To maintain optimal performance and appearance, periodically clean your memory modules. Ensure your system is powered off and unplugged before cleaning.

- Use a can of compressed air to gently remove dust from the heatspreaders and surrounding components.
- For stubborn smudges, lightly dampen a microfiber cloth with isopropyl alcohol and gently wipe the heatspreaders. Avoid touching the gold contacts.

Storage

If storing memory modules outside of your system, keep them in an anti-static bag or the original packaging to protect them from electrostatic discharge and physical damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
System fails to POST or boot after RAM installation.	Incorrect installation, incompatible hardware, or XMP not enabled/stable.	Ensure modules are fully seated in the correct DIMM slots. Check motherboard QVL for compatibility. Reset BIOS to default settings, then re-enable XMP.
Memory not running at advertised speed (e.g., 7200MT/s).	XMP profile not enabled or incorrect profile selected.	Enter BIOS and enable Intel XMP 3.0. Select the correct XMP profile. Ensure your CPU and motherboard support the rated speed.
System instability or crashes.	Overclocking instability, mixed memory kits, or faulty module.	Disable XMP and test stability at default speeds. Do not mix memory kits from different sets. Test modules individually to identify a faulty one.
RGB lighting not working or incorrect.	Software issue or connection problem.	Ensure G.SKILL or motherboard RGB software is installed and updated. Check RGB header connections on the motherboard.

Important Note: Memory kits are sold in matched kits that are designed to run together as a set. Mixing memory kits will result in stability issues or system failure.

SPECIFICATIONS

Technical Specifications

Feature	Detail
Model Number	F5-7200J3445G16GX2-TZ5RS

Feature	Detail
Memory Type	DDR5 UDIMM
Capacity	32GB (2 x 16GB)
Speed	7200MT/s
CAS Latency	CL34-45-45-115
Voltage	1.40V
Error Correction Code (ECC)	No
Form Factor	288-Pin DIMM
RGB Lighting	Yes
Intel XMP	XMP 3.0 Ready
Dimensions (LxWxH)	9.45 x 27.17 x 0.98 inches
Weight	6 ounces

WARRANTY & SUPPORT

Warranty Information

G.SKILL memory products are backed by a limited lifetime warranty. For detailed warranty terms and conditions, please refer to the official G.SKILL website or contact their customer support.

Technical Support

For product support, technical assistance, or related questions, please visit the official G.SKILL website or contact their technical support team:

- Website: www.gskill.com
- Email: techsupport@gskill.com

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