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XPG AX4U300038G16A-DW60

XPG DDR4 D60G RGB Desktop Memory User Manual

Model: AX4U300038G16A-DW60

PRODUCT OVERVIEW

The XPG DDR4 D60G RGB Desktop Memory is designed for high-performance computing, featuring vibrant RGB lighting and robust specifications. This memory module is ideal for gamers and PC enthusiasts seeking both aesthetic appeal and reliable performance.

Key features include:

- Extended RGB surface - fully customizable and compatible with ADATA Sync and software from most major motherboard manufacturers.
- Supports Intel XMP 2.0 for easy overclocking.
- Consumes less power compared to previous generation DDR3 memory.
- Supports new Intel X299 platform and AMD X570 chipset.
- Limited Lifetime Warranty.



Image: Front view of the XPG D60G RGB DDR4 memory module, showcasing its unique diamond-cut design and vibrant RGB light bar.

SETUP AND INSTALLATION

Before installing the XPG DDR4 D60G RGB memory, ensure your system is powered off and unplugged. Refer to your motherboard's manual for specific DIMM slot configurations and compatibility.

1. **Preparation:** Power down your computer and disconnect the power cable. Open your computer case.
2. **Locate DIMM Slots:** Identify the DDR4 DIMM slots on your motherboard. These are typically located near the CPU socket. For optimal performance, consult your motherboard manual for recommended dual-channel or quad-channel configurations (e.g., A2 and B2 slots).
3. **Open Retention Clips:** Gently push open the retention clips at both ends of the DIMM slot.
4. **Align Memory Module:** Hold the memory module by its edges, avoiding touching the gold contacts. Align the notch on the memory module with the key in the DIMM slot.
5. **Insert Memory:** Apply even pressure to both ends of the memory module until it clicks into place and the retention clips close automatically. If the clips do not close, gently push them until they lock.
6. **Secure Case:** Close your computer case and reconnect the power cable.



Image: XPG D60G RGB memory modules installed in a desktop motherboard, showcasing their illuminated RGB light bars.

OPERATING INSTRUCTIONS

The XPG DDR4 D60G RGB memory modules are designed to operate at their advertised speeds through Intel XMP (Extreme Memory Profile) technology. Additionally, their RGB lighting can be customized.

Enabling XMP Profile in BIOS

To achieve the advertised memory speeds (e.g., 3000MHz or higher), you must enable the XMP profile in your motherboard's BIOS settings. The exact steps may vary depending on your motherboard manufacturer.

1. **Access BIOS:** Restart your computer and repeatedly press the designated key (commonly Del, F2, F10, or F12) during startup to enter the BIOS/UEFI settings.
2. **Locate OC/Overclocking Settings:** Navigate to the "OC" (Overclocking) or "Advanced" settings section within the BIOS.
3. **Enable XMP:** Find the "Extreme Memory Profile (XMP)" option. It might be labeled as "A-XMP" or similar. Select "Enabled" from the available options.
4. **Save and Exit:** Save your changes and exit the BIOS. Your system will reboot.

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Video: A detailed guide on how to set up the XMP profile in your motherboard's BIOS to ensure your XPG memory operates at its optimal speed. This video demonstrates the process using an MSI motherboard.

RGB Lighting Customization

The XPG D60G RGB memory features an extended RGB surface for maximum lighting effect. You can customize the lighting effects using:

- **ADATA Sync Software:** Download and install the official ADATA Sync software for comprehensive control over RGB lighting patterns, colors, and synchronization.
- **Motherboard RGB Software:** The D60G RGB is compatible with RGB software from most major motherboard manufacturers (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync). This allows for synchronized lighting across your entire system.

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Video: An overview of the XPG D60G RGB memory, highlighting its fully exposed RGB light bar and wide frequency range, demonstrating various lighting effects.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your XPG DDR4 D60G RGB memory modules.

- **Keep Clean:** Regularly clean the interior of your computer case to prevent dust buildup on the memory modules and other components. Use compressed air to gently remove dust.
- **Ensure Proper Airflow:** Maintain good airflow within your PC case to prevent overheating, which can affect memory performance and lifespan.
- **Avoid Physical Damage:** Handle memory modules carefully. Avoid bending or applying excessive force during installation or removal.
- **Software Updates:** Keep your motherboard's BIOS and any installed RGB control software updated to ensure compatibility and access to the latest features and bug fixes.

Troubleshooting

Here are some common issues and their solutions for your XPG DDR4 D60G RGB memory.

Issue: I do not see the advertised RAM speed in my system.

Solution: By default, a newly installed RAM kit speed will be limited to JEDEC standard. To run at the advertised speed, please enable and change your XMP profile in BIOS. Refer to the "Enabling XMP Profile in BIOS" section for detailed steps.

Issue: The new drive is smaller than advertised capacity.

Solution: The advertised capacity is using 1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less depending on the operating system. This is a common reporting difference and not a defect.

Issue: I cannot find the new SSD in my system, what should I do?

Solution: New SSDs are usually blank. The user will need to initialize the new drive and format it after allocating the new volume in disk management. This issue is related to storage drives, not RAM, but is a common query for system builders.

Specifications

Feature	Detail
Brand	XPG




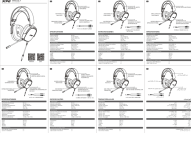
Feature	Detail
Series	D60
Model Number	AX4U300038G16A-DW60
RAM Size	16 GB (2x8GB)
RAM Memory Technology	DDR4 SDRAM
Memory Speed	3000 MHz
Voltage	1.4 Volts
Color	White
Item Weight	12.8 ounces
Package Dimensions	5.83 x 4.72 x 0.55 inches
Compatible Devices	Desktop


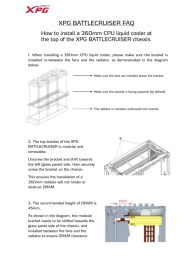
WARRANTY AND SUPPORT

The XPG DDR4 D60G RGB Desktop Memory comes with a **Limited Lifetime Warranty**. For warranty claims, technical support, or further inquiries, please contact XPG customer service or visit the official XPG website.
XPG Official Website: www.xpg.com

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Related Documents - AX4U300038G16A-DW60

	<p>XPG MAGE Gaming Keyboard Quick Start Guide</p> <p>Comprehensive quick start guide for the XPG MAGE gaming keyboard, detailing features like Gaming Mode, profile management, customizable LED lighting, N-Key Rollover, and compatibility with XPG PRIME software.</p>
	<p>XPG Sorcerer Mini Gaming Keyboard - Quick Start Guide</p> <p>Comprehensive guide to the XPG Sorcerer Mini Gaming Keyboard, detailing its features, lighting controls, function keys, game profiles, media controls, and software integration for an enhanced gaming experience.</p>
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	<p>XPG XENIA 14 Gaming Notebook Quick Start Guide</p> <p>This document provides a quick start guide for the XPG XENIA 14 Gaming Notebook, covering product overview, ports, AC adapter, keyboard, touchpad, and safety information.</p>
	<p>XPG BATTLECRUISER FAQ: Installing a 360mm CPU Liquid Cooler</p> <p>This FAQ provides essential guidance for installing a 360mm CPU liquid cooler in the XPG BATTLECRUISER PC chassis, covering bracket placement, modular adjustments, and DRAM clearance.</p>