

# **XPG LANCER RGB memory module 32 GB 2 x 16 GB DDR5 288-pin DIMM**



Model: AX5U8000C3816G-DCLARBK

Manufacturer: ADATA

EAN: 4711085946218

Product Code: 1627725

## **R21,523**

## **Distinctly Blizzard White**

The LANCER RGB DDR5 also comes in Blizzard White for those looking to create a distinctly, all-white PC build.

## **A New Speed Benchmark in Gaming Memory**

The XPG LANCER ushers in the DDR5 era for gaming memory. Reaching frequencies of up to 8000 MT/s, It will give you a major performance boost for gaming and overclocking.

## **RGB Your Way**

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Set the RGB lighting the way you want it. Choose from different effects (static, breathing, and comet) or sync the lights with your favorite jams via Music Mode. All this can be done through RGB control software from all the major motherboard brands.

## Create Personalized Lightshow with XPG Prime

XPG Prime lighting control software not only allows you to set unique DRAM lighting effects, you can also sync all Prime supported XPG RGB products to create imaginative light shows and shape your own Prime ecosystem.

## Enhanced Power Management

The XPG LANCER DDR5 features a built-in Power Management IC (PMIC) that enhance power supply stability. Its lower operating voltage also makes LANCER more power-efficient than DDR4.

## Stability and Reliability

With On-die error correcting code (ECC) this module can correct errors in real-time to provide increased stability and reliability.

## Made with High-Quality Materials

High-quality ICs and PCBs ensure uncompromised performance and reliable overclocking, ideal for discerning gamers and overclockers.

## AMD EXPO

Support for AMD EXPO (EXtended Profiles for Overclocking) and compatibility with the latest platforms for reliability and stability.

## Overclocking Made Easy

With support for Intel XMP 3.0, get overclocking easily without the need to hassle with BIOS settings. There is no need to repeatedly adjust and fine-tune overclocking parameters.

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## QuikTips: DDR5 vs DDR4 - Appearance

DDR5 U-DIMM modules have the same dimensions and pin count as DDR4 modules. The most obvious difference is the position of the fool-proof notch. Also, DDR5 integrates I/O resistors with CMD/ADD resistors. Also, the appearance of DDR5 modules are cleaner than DDR4. In addition, you can see a PMIC in the center.

## QuikTips: DDR5 vs DDR4 - Chip Architecture

DDR5 modules provide two times more capacity than DDR4 by packing in more banks and bank groups. In addition, Burst Length and Prefetch are also doubled. And to ensure data integrity, they feature error correcting code (ECC) technology.

## QuikTips: DDR5 vs DDR4 - Performance

The biggest change is that bandwidth and frequency are significantly higher. The ADATA DDR5 memory modules deliver frequencies of up to 4800MT/s and feature bandwidth of 38.4GB/s, which is 50% higher than the DDR4-3200. The maximum frequency is increased 1.63 times compared to DDR4.