

XPG LANCER memory module 16 GB 1 x 16 GB DDR5 288-pin DIMM

Model: AX5U6000C3016G-CLABK

Manufacturer: ADATA

EAN: 4711085940537

Product Code: 482538

R9,269

A New Speed Benchmark in Gaming Memory

The XPG LANCER ushers in the DDR5 era for gaming memory. Reaching frequencies of up to 7200 MT/s, It will give you a major performance boost for gaming and overclocking.

Enhanced Power Management

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

Stability and Reliability

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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.

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 - 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.

QuikTips: DDR5 vs DDR4 - Chip Architecture

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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.

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