

DDR5 R-DIMM

Memory Module



The ADATA industrial-grade DDR5 R-DIMM memory module is equipped with a register between the memory module and the system to ensure signal stability. It is capable of reaching speeds of up to 5600 MT/s and yet only operates on 1.1V, which is ideal for servers, data centers, edge computing, networking, surveillance, IoT and 5G-related applications. In addition, it is equipped with a Power Management IC (PMIC) to enhance power supply stability. Offering high capacities up to 32GB, the ADATA industrial-grade DDR5 memory can fulfill the demands of big data analysis, deep learning and high speed computing (HPC). With On-die ECC (Error Correction Code), this DDR5 module can also self-correct errors, effectively improving transmission reliability.

Features

- Great performance up to 5600 MT/s
- High capacities up to 32GB
- Equipped with a register between the memory module and the system for signal stability
- Power Management IC (PMIC) ensures power supply stability
- Ultra-low operating voltage of 1.1V for improved power efficiency
- On-die ECC technology for more reliable data transmission
- 30μ PCB gold plating for improved product durability and longevity
- Customized services: Anti-Sulfuration Protection and Conformal Coating for enhanced durability
- Suitable for server, data center, networking, edge computing, IoT, 5G, and surveillance applications

Ordering Information

Capacity	P/N		IC Configuration
16GB	AD5R560016G10-BHYA	AD5R560016G20-BSSP	2048x8
32GB	AD5R560032G20-BHYA	AD5R560032G20-BSSP	2048x8

*ADATA implements high-quality original ICs on its industrial-grade memory modules.

**ADATA can offer memory modules customized to the specific needs of your operations. Please contact an ADATA sales representative for a consultation.

Specifications

Model	DDR5 R-DIMM
Interface	DDR5
Module Type	R-DIMM
Frequency	5600 MT/s
Capacity	16GB, 32GB
Pin Count	288 Pin
PCB Height	1.23 inches/3.12cm
Operating Voltage	1.1V
Operating Temperature(Standard)	0°C to 85°C
Operating Temperature(Industrial)	-40°C to 95°C
Standard	JEDEC
RoHS	Yes

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