

# 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
- 30 $\mu$  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	AD5R480016G10-BSSB	AD5R560016G20-BSSP	2048x8
32GB	AD5R480032G20-BSSB	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	4800/5600 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

## Contact Us

### HQ (Taiwan):

T: +886-8228-0886

E: [IA\\_Global@adata.com](mailto:IA_Global@adata.com)

### US:

T: +1-714-332-8708

E: [IASales\\_us@adata.com](mailto:IASales_us@adata.com)

### EU:

E: [IASales\\_eu@adata.com](mailto:IASales_eu@adata.com)

### China

T: +86-21-6233-1010

E: [IASales\\_cn@adata.com](mailto:IASales_cn@adata.com)

### JP:

T: +81-3-5807-0011

E: [IASales\\_jp@adata.com](mailto:IASales_jp@adata.com)

### APAC/MEA:

E: [IASales\\_apacmea@adata.com](mailto:IASales_apacmea@adata.com)