

# DDR5 U-DIMM

## Memory Module



The ADATA industrial-grade DDR5 Unbuffered-DIMM memory module is capable of reaching speeds of up to 5600 MT/s and yet only operates on 1.1V, which is ideal for edge computing, IoT, 5G, and industrial PC 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 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

- Ultra-high speeds up to 5600 MT/s
- High capacities up to 32GB
- 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
- Customized services: 30 $\mu$  PCB gold plating, Anti-Sulfuration and Conformal Coating
- Suitable for edge computing, IoT, 5G, and industrial PC related applications

## Ordering Information

Capacity	P/N		IC Configuration
8GB	AD5U48008G4-BSSB	AD5U56008G4-BSSP	1024x16
16GB	AD5U480016G8-BSSB	AD5U560016G8-BSSP	2048x8
32GB	AD5U480032G16-BSSB	AD5U560032G16-BSSP	2048x8

## Specifications

Model	DDR5 U-DIMM
Interface	DDR5
Module Type	U-DIMM
Frequency	4800/5600 MT/s
Capacity	8GB/16GB/32GB
Pin Count	288-pin
PCB Height	Standard 1.23"
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)