

# DDR5 U-DIMM

## Memory Module



The ADATA industrial-grade DDR5 Unbuffered-DIMM memory module is capable of reaching speeds of up to 4800 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 speed of 4800MHz
- 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
- 30 $\mu$  PCB gold plating for improved product durability and longevity
- Customized services: Anti-Sulfuration and Conformal Coating help to enhance the product durability in harsh environments
- Suitable for edge computing, IoT, 5G, and industrial PC related applications

## Ordering Information

Capacity	P/N	IC Configuration
8GB	AD5U48008G4-BSSB	1024x16
16GB	AD5U480016G8-BSSB	2048Mx8
32GB	AD5U480032G8-BSSB	2048Mx8

## Specifications

Model	DDR5 U-DIMM
<b>Interface</b>	DDR5
<b>Module Type</b>	U-DIMM
<b>Frequency</b>	4800 MT/s
<b>Capacity</b>	8GB/16GB/32GB
<b>Pin Count</b>	288-pin
<b>PCB Height</b>	Standard 1.23"
<b>Operating Voltage</b>	1.1V
<b>Operating Temperature</b>	0°C to 85°C
<b>Standard</b>	JEDEC
<b>RoHS</b>	Yes

## Contact Us

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