

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: 30μ 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
	4800 MT/s	5600 MT/s	
8GB	AD5U48008G4-BSSB	AD5U56008G4-BSSP	1024x16
16GB	AD5U480016G8-BSSB	AD5U560016G8-BSSP	2048x8
32GB	AD5U480032G16-BSSB	AD5U560032G16-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 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

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