

DDR5 SO-DIMM

Memory Module



The ADATA industrial-grade DDR5 SO-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 embedded systems, healthcare, surveillance, and industrial PC 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 4800 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 μ PCB gold plating, Anti-Sulfuration and Conformal Coating
- Suitable for embedded systems, healthcare, surveillance, and industrial PC related applications

Ordering Information

Capacity	P/N	IC Configuration
8GB	AD5S48008G4-BSSB	1024x16
16GB	AD5S480016G8-BSSB	2048x8
32GB	AD5S480032G16-BSSB	2048x8

Specifications

Model	DDR5 SO-DIMM
Interface	DDR5
Module Type	SO-DIMM
Frequency	4800 MT/s
Capacity	8GB/16GB/32GB
Pin Count	262-pin
PCB Height	Standard 1.23"
Operating Voltage	1.1V
Operating Temperature	0°C to 85°C
Standard	JEDEC
RoHS	Yes

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