ADATA®
INDUSTRIAL

DDR5 ECC SO-DIMM
Memory Module

The ADATA industrial-grade DDR5 ECC SO-DIMM memory module utilize high-quality original DRAM ICs, featuring high speeds of up to 4800 MT/s and yet only operates on 1.1V for excellent performance and power efficiency. In addition, it is equipped with a Power Management IC (PMIC) on the module itself to enhance power supply stability. Offering high capacities up to 32GB, ADATA's industrial-grade DDR5 ECC SO-DIMM memory modules are suitable for servers, data centers, edge computing, networking, IoT, 5G, and surveillance. With On-die ECC and Side-band ECC (Error Correction Code) technologies, the DDR5 memory modules can also self-correct errors, effectively improving transmission reliability.

Features

- Ultra-high speed of 4800 MT/s
- High capacities up to 32GB
- Implements high-quality original DRAM ICs to meet strict industrial standards
- Power Management IC (PMIC) ensures power supply stability
- Ultra-low operating voltage of 1.1V for improved power efficiency
- On-die ECC and Side-band ECC technology for more reliable data transmission
- 30μ PCB gold plating for improved product durability and longevity
- Suitable for server, data center, networking, edge computing, IoT, 5G, and surveillance applications
- RoHS and JEDEC compliance
- Customized services: Anti-Sulfuration Protection and Conformal Coating
  help to enhance product durability in harsh environments

Ordering Information

Capacity	P/N	IC Configuration
16GB	AD5B480016G10-BSSB	2048x8
32GB	AD5B480032G20-BSSB	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 ECC SO-DIMM
Interface	DDR5
Module Type	ECC SO-DIMM
Frequency	4800 MT/s
Capacity	16GB, 32GB
Pin Count	262 Pin
PCB Height	1.18 inches/ 3cm
Operating Voltage	1.1V
Operating Temperature	0ºC to 85ºC
Standard	JEDEC
RoHS	Yes

Contact Us

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