

# DDR5 CSO-DIMM

## Memory Module



The ADATA industrial-grade DDR5 CSO-DIMM memory module is capable of reaching speeds of up to 6400 MT/s and yet only operates on 1.1V, which is ideal for datacenter, surveillance and other data-heavy applications or platforms being applied in AI-driven environments. In addition, it is equipped with high-quality CKD (Clock Driver) components to effectively buffer and stabilize frequency, improving performance and stability. It significantly improves the overall performance of a system under high-intensity AI training and inference loads, providing stable, reliable, and powerful support for AI applications.

## Features

- Ultra-high speed of 6400 MT/s
- Add the Client Clock Driver (CKD) and Transient Voltage Suppressors (TVS) diode to ensure the stability of performance
- Ultra-low operating voltage of 1.1V for improved power efficiency
- Power Management IC (PMIC) ensures power supply stability
- On-die ECC technology for more reliable data transmission
- Suitable for datacenter, surveillance and other data-heavy applications or platforms being applied in AI-driven environments
- RoHS Compliance

## Ordering Information

Operating Temp.	Capacity	P/N	IC Configuration
0°C to 95°C	8GB	AD5CS64008G4-BHYA	1024x16
	16GB	AD5CS640016G8-BHYA	2048X8
	32GB	AD5CS640032G16-BHYA	2048X8
-40°C to 95°C	8GB	AD5WCS64008G4-BHYA	1024x16
	16GB	AD5WCS640016G8-BHYA	2048X8
	32GB	AD5WCS640032G16-BHYA	2048X8

## Specifications

Model	DDR5 CSO-DIMM
Interface	DDR5
Module Type	CSO-DIMM
Frequency	6400 MT/s
Capacity	8GB/16GB/32GB
Pin Count	262-pin
PCB Height	Standard 1.18"
Operating Voltage	1.1V
Operating Temperature(Standard)	0°C to 95°C TC
Operating Temperature(Industrial)	-40°C to 95°C TC
Standard	JEDEC
RoHS	Yes

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