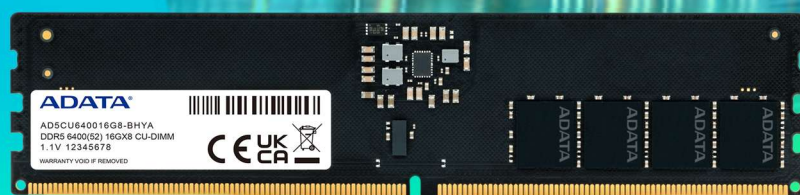# ADATA® INDUSTRIAL

DDR5 CUDIMM

Memory Module

The ADATA industrial-grade DDR5 CUDIMM 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 perf
- 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
0ºC to 95ºC	8GB	AD5CU64008G4-BHYA	1024x16
	16GB	AD5CU640016G8-BHYA	2048X8
	32GB	AD5CU640032G16-BHYA	2048X8
-40ºC to 95ºC	8GB	AD5WCU64008G4-BHYA	1024x16
	16GB	AD5WCU640016G8-BHYA	2048X8
	32GB	AD5WCU640032G16-BHYA	2048X8

Specifications

Model	DDR5 CUDIMM
Interface	DDR5
Module Type	CUDIMM
Frequency	6400 MT/s
Capacity	8GB/16GB/32GB
Pin Count	288-pin
PCB Height	Standard 1.23"
Operating Voltage	1.1V
Operating Temperature(Standard)	0ºC to 95ºC TC
Operating Temperature(Industrial)	-40ºC to 95ºC TC
Standard	JEDEC
RoHS	Yes

Contact Us

HQ (Taiwan):
T: +886-8228-0886
E: IA_Global@adata.com

US:
T: +1-714-332-8708
E: IASales_mx@adata.com

Mexico:
E: IASales_mx@adata.com

EU:
T: +49-899-0405-296
E: IASales_eu@adata.com

China
T: +86-21-6233-1010
E: IASales_cn@adata.com

JP:
T: +81-3-5807-0011
E: IASales_jp@adata.com

APAC/MEA:
E: IASales_apacmea@adata.com