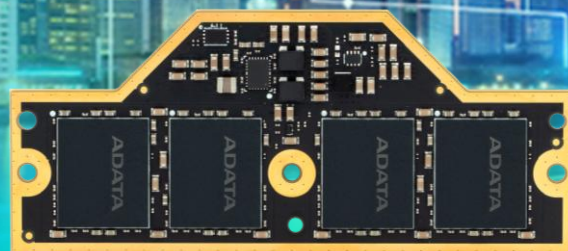# ADATA® INDUSTRIAL

LPDDR5 CAMM2

Memory Module

ADATA's LPCAMM2 redefines high-performance embedded memory with an ultra-slim, single-sided form factor. The module enhances signal integrity with simplified motherboard routing and reduces mounting space by up to 60%, allowing greater flexibility for custom cooling and system design.

LPCAMM2 features a modular LPDDR IC architecture that eliminates upgrade hurdles of traditional onboard LPDDR designs. Combined with a screw-lock mechanism that ensures vibration resistance in rugged environments. Powered by LPDDR5X and a 128-bit dual-channel architecture, LPCAMM2 delivers speeds up to 8533 MT/s at just 1.05V—boosting performance while minimizing power consumption.

Features

- Single-sided dual-channel design with 128-bit bandwidth
- Blazing-fast 8533MT/s data rates
- Saves up to 60% of mounting space
- Stub-free layout for optimized signal integrity
- Operates at just 1.05V for lower power consumption
- Modular LPDDR5X IC design eliminates upgrade hurdles
- Screw-lock mechanism ensures strong vibration resistance

Ordering Information

*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	LPDDR5 CAMM2
Interface	DDR5 LPCAMM2
Module Type	CAMM2
Frequency	8533 MT/s
Capacity	16GB/32GB/64GB
Operating Voltage	1.05V
Operating Temperature	-0ºC to 95ºC
Standard	JEDEC
RoHS	Yes

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