

LPDDR5 CAMM2 Connector

Higher Speed. Lower Power. Smaller Form Factor



Overview:

ATTEND's LPDDR5 CAMM2 connector is a next-generation, high-performance memory interface combining LPDDR5 speed and low power with modular CAMM2 design, fully JEDEC-compliant. Its compression-based, screw-fixed design allows removable, upgradeable modules while maintaining excellent signal integrity. With a low-profile, 666-pin layout, it supports data transfer up to 9600 MT/s, making it ideal for AI PCs, thin laptops, and high-performance systems, offering flexible and future-ready high-speed solutions.

SO DIMM DDR5	LPDDR5 CAMM2
6400 MT/s	9600 MT/s

50% Up

APPLICATIONS



- Thin & Light Laptop
- AI PCs
- Desktop PCs
- Workstations
- Servers
- Embedded Systems & Edge AI Devices

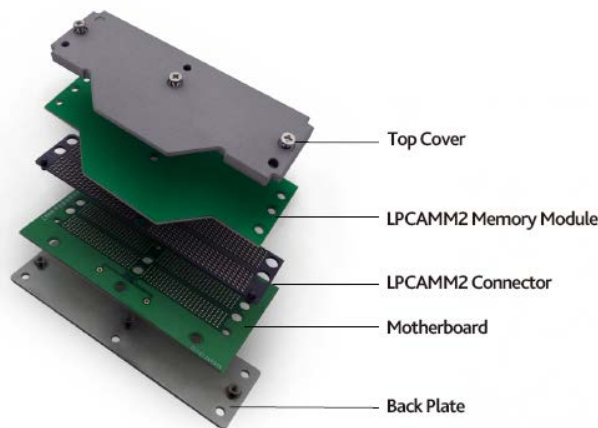




FEATURES

- Complies with JEDEC SO-032 specification.
- Supports data transfer rates up to 9,600 MT/s with enhanced signal integrity.
- Compression contacts ensure consistent and reliable electrical connection.
- Low-profile design saves system mounting space and improves airflow.
- Operates at 1.05V for energy-efficient performance.
- Supports up to 128GB memory per connector without BGA soldering.
- Screw-fixed mechanism enhances vibration and shock resistance.

LPDDR5 CAMM2 Assembly Structure



ITEMS

Part Number	Description
 127A-001	LPDDR5 CAMM2 Connector Top Cover
 127A-10D00	LPDDR5 CAMM2 Connector, 666 Pin H=1.0 mm
 127A-002-XX	LPDDR5 CAMM2 Connector Back Plate, H=1.6–2.8 mm