SODIMM

DDR5 SODIMM

- Uses original high-quality next-generation DDR5 DRAM Ics
- Equipped with power management IC (PMIC) (5V) on DIMM to efficiently control system power load
- On-die ECC error correction mechanism improves reliability
- 262-pin, DDR5 small outline dual in-line memory module (DDR5 SODIMM)
- VDD = VDDQ = 1.1V
- VPP = 1.8V
- 32 internal banks; 8 groups of 4 banks each
- Lead-free (RoHS compliant)
- Halogen free
- Conformal Coating / Underfill (optional)
- Anti-sulfuration (Apacer patented) (optional)

DDR5 SODIMM Industrial Memory Module

Apacer's industrial DDR5 SODIMM employ original high-quality DRAM ICs, and feature memory transfer rates of up to 5600MHz. They incorporate an on-die ECC mechanism that greatly strengthens the reliability, availability and serviceability of the DRAM IC. On the other hand, Apacer's DDR5 modules incorporate a power management IC (PMIC) on the module itself to control the system's load while also improving signal integrity and compatibility. Moreover, DDR5 modules require just 1.1V, which will translate into significant power savings and reduced heat generation.

SODIMM (Small Outline DIMM) is a JEDEC-compliant module designed to fit space-constraint systems, such as notebook computers, small-size industrial computers and embedded systems. Manufactured with the highest quality original DRAM chips, stringently tested for quality assurance and verified for compatibility, Apacer SODIMMs are high performance memory modules that are highly stable and compatible.

Spec

Model	DDR5 SODIMM
Module Type	SODIMM
Memory Technology	DDR5
Speed	4800/5600
Density	8G/16G/32G
Voltage	1.1v
Pin Count	262-Pin
Width	64-Bit
PCB Height	1.18
Operating Temperature (°C)	TC=0℃ to 85℃
Recommended Application	Factory Automation / Gaming / Internet of Things / Transportation