



Transcend's DDR4 Industrial-Grade Wide Temperature Memory Modules Offer Exceptional Performance and Reliability

Transcend Information, Inc. (Transcend®), a leading manufacturer of industrial-grade products, proudly presents its new DDR4 industrial-grade wide temperature SO-DIMM and ECC SO-DIMM memory modules. These DDR4 modules offer industrial-grade operating temperature flexibility (-40° to 85°C) and boast superior performance, a small form factor, 1.2V ultra-low power consumption, and excellent reliability. All these features make them perfect for space-constrained industrial PCs (IPC), POS terminals, medical diagnostic equipment, and mini-ITX systems.



Wide Temperature, Reliable Stability for 24/7 Operations

IPCs need to handle, without failing, larger databases for longer periods of time than personal computers. Transcend's DDR4 industrial-grade memory modules are ruggedized to resist shock, extreme temperatures from -40° to 85°C, and electromagnetic disturbance. The 30u" gold fingers plated on the printed circuit board significantly improve module stability and durability. In addition, the DDR4 ECC SO-DIMMs are equipped with two robust error correcting codes including Cyclic Redundancy Check (CRC) for data reliability and on-chip parity detection for the integrity of commands and addresses. These features make them ideal for use in IPCs.

Transcend's DDR4 industrial-grade modules are constructed of high-quality DRAM chips, delivering stable performance and durability. Additionally, the DDR4 modules offer high-speed transmission of 2400MHz and up to 19GB/s bandwidth, so that system performance will achieve maximum data transfer speeds.

Lower Power Consumption

Transcend's DDR4 memory modules have an ultra-low operating voltage of 1.2V, reducing the electrical load of the memory bus and consuming up to 20% less power compared to standard 1.5V DDR3 DIMMs. This prolongs the battery life of portable devices and protects the environment by consuming less energy. Furthermore, since each module generates less heat, systems operate with reduced temperatures and overall module reliability is increased.

Stringent Testing for Guaranteed Quality

Transcend's DDR4 industrial-grade memory modules are fully compliant with JEDEC (Joint Electron Device Engineering Council) standards and undergo strenuous 64-bit kernel, single-core, and multi-core testing to ensure the best quality possible. All DDR4 models carry Transcend's Limited Lifetime Warranty.

Part Number	Capacity	Description
SO-DIMM		
TS1GSH64V4B-I	8GB	DDR4 2400 SO-DIMM 1Rx8
TS2GSH64V4B-I	16GB	DDR4 2400 SO-DIMM 2Rx8
ECC SO-DIMM		
TS1GSH72V4B-I	8GB	DDR4 2400 ECC SO-DIMM 1Rx8

About Transcend



Transcend is a globally recognized leader in the manufacture of storage, multimedia and industrial products. Established in Taiwan in 1988, Transcend offers a full line of standard and proprietary memory modules, car video recorders, Apple solutions, flash cards, USB flash drives, portable hard drives, solid-state drives, digital music players, card readers, multimedia products and industrial products. Transcend has established offices in the United States, the United Kingdom, Germany, The Netherlands, Japan, Korea, China and Hong Kong. As a customer-focused company, Transcend has the ability to quickly respond to the market's changing needs. For more information, please visit www.transcend-info.com

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