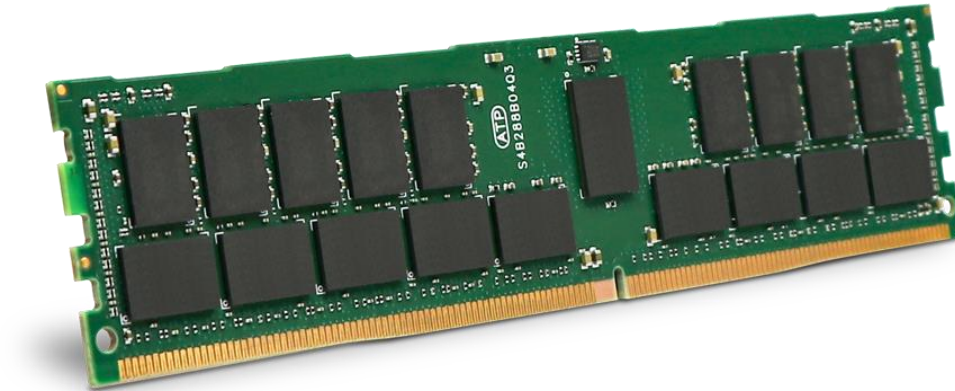


## **ATP's Fast, Low-Power "Industrial Only" DDR4-3200 DRAM Solutions Deliver Memory Boost to AMD EPYC™ and 2<sup>nd</sup> Gen Intel® Xeon® Scalable Processors to Provide Accelerated Performance for High-Performance Applications**



Taipei, Taiwan (March 2020) – ATP Electronics, the leading manufacturer of “Industrial Only” high-performance cost-effective DRAM modules, announces the release of fast, low-power DDR4-3200 solutions to take full advantage of the latest AMD EPYC™ Family and 2<sup>nd</sup> Generation Intel® Xeon® Scalable Processors (formerly codenamed Rome and Cascade Lake, respectively). The latest DDR4-3200 solutions are ready for future AMD Milan and Genoa as well as Intel® Cooper Lake and Ice Lake processors.

ATP's DDR4-3200 modules ensure a big boost in performance, compute density and productivity with their fast 3200 MT/s data rate to optimize the power of AMD's eight-memory channel and Intel's six-memory channel architectures. With their capability to operate at the same speed even at full load and the increased interface speed from 2666/MTs to 3200 MT/s, ATP DDR4-3200 DRAM modules amplify theoretical peak performance by up to 20%. They transfer data about 70% faster than DDR3-1866, one of the fastest DDR3 versions available.

“High-speed data processing, real-time analytics and data-driven decision making are just among the many hallmarks of a transforming industrial world. ATP's fastest DDR4 modules with 3200 MT/s data rate are pushing computing power to new heights to meet today's increasing and changing demands,” said Marco Mezger, ATP Vice President of Global Marketing. “These memory modules reduce total cost of ownership (TCO) by delivering not only new levels of performance, but also robustness, reliability and endurance that all ATP products known for.”

Due to their speedy responsiveness, the latest ATP DDR4-3200 solutions are ideal for high-performance computing (HPC) applications requiring high density, low power, great scalability and efficiency, such as telecommunication infrastructures, networking storage systems, network-attached storage (NAS) servers, micro/cloud servers, and embedded systems like industrial PCs.

Enterprise-level densities up to 128 GB and peak transfer rates up to 25,600 MB/s dramatically increase the capabilities of growing embedded and cloud computing environments to meet large-scale, memory-intensive and diverse (I)IoT/AI workloads.

Engineered for rigid industrial requirements, ATP DDR4-3200 DRAM modules deliver industrial-grade performance with wide-temperature ICs supporting -40°C to 85°C operating range. ATP implements module-level test during burn-in (TDBI) to expose weak modules and detect and screen out even 0.01% error, thus ensuring utmost module reliability and long-term endurance.

ATP's DDR4-3200 modules' 1.2V low-power design allows operation at higher speeds without higher power and cooling requirements. This translates to lower consumption and substantially higher savings. By implementing the fastest and low-power IC design, ATP DDR4-3200 modules enable cost-effective scalability and expansion of memory footprints to keep pace with future requirements.

ATP unbuffered DDR4-3200 modules are available in the following configurations: SO-DIMM, UDIMM, ECC UDIMM, ECC SO-DIMM and RDIMM.

For inquiries, please contact ATP regional sales, distributors, or send an email to [Info@atpinc.com](mailto:Info@atpinc.com).  
Media Contact: Kelly Lin ([Kellylin@tw.atpinc.com](mailto:Kellylin@tw.atpinc.com))

Follow ATP Electronics on LinkedIn: <https://www.linkedin.com/company/atp-electronics>

For more information on the product, visit: <https://www.atpinc.com/products/industrial-dram-module-ddr4>

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#### **About ATP**

ATP Electronics is the leading provider of "Industrial Only" NAND flash products and DRAM modules for demanding industrial/automotive applications requiring the highest levels of performance, reliability and endurance. A true manufacturer for over 25 years, ATP manages every stage of the manufacturing process to ensure quality and product longevity, offering in-house design, testing, and tuning from component to product level. For more information on ATP Electronics, please visit [www.atpinc.com](http://www.atpinc.com) or contact us at [info@atpinc.com](mailto:info@atpinc.com).