

## **ADATA Industrial Debuts at Electronica India Showcasing Expanded AI Application Capabilities**

Taipei, Taiwan – September 11, 2023 – ADATA Technology Co., Ltd., the world's leading brand for industrial-grade embedded storage, announced that ADATA Industrial, its industrial-grade embedded storage brand, will participate in Electronica India for the first time from September 13 to 15. Debuting for the first time at India's largest electronics show, ADATA Industrial will focus on AI applications to showcase the latest generation of its DDR5 5600 series industrial-grade memory and various 112-layer (BiCS5) storage products, demonstrating the strength of its and exclusive technological R&D capabilities and product line geared to meet the numerous key technical requirements of various vertical applications. In addition to strong product and technology R&D capabilities, ADATA Industrial is actively expanding in the Asia-Pacific market. Its Indian production facility will introduce a complete ECR management process, with a goal of achieving stable local production and delivering consistent and reliable engineering quality.

You are welcome to visit the ADATA Industrial booth (EE43) in Hall 5, Bangalore International Exhibition Center (BIEC) to learn more about ADATA Industrial's leadership and innovation in industrial-grade embedded storage.

### **Internal R&D team creates exclusive value-added technologies to meet the data security, durability, and broad temperature requirements of AI applications**

ADATA Industrial will showcase a series of BiCS5 3D (e)TLC storage products that feature KIOXIA and WDC components and cover a variety of mainstream specifications including 2.5 inch, M.2 2280/2242, mSATA SSDs and CFast/ microSD memory cards. In addition to highly-efficient and durable industrial-grade SSDs, ADATA will also exhibit BiCS5 NAND flash solutions — enterprise-level 7.68TB large-capacity SATA III 2.5" SSDs and ultra-high-speed PCIe Gen4x4 M.2 2280 SSDs. These SSDs have passed various verifications, reaching DWPD>1 for greater SSD lifespan.

In response to increasing worldwide demand for AIoT, ADATA Industrial's R&D team presents unique value-added technologies for data security, durability, and high temperature resistance, which are among the most important aspects of AI-related vertical applications. With the development of a new generation of cloud and AI industries, data privacy has become one of the most serious issues in digital trade. ADATA Industrial's exclusive data security encryption software A+ OPAL is the solution to this problem and is applicable to all TCG OPAL-supporting ADATA industrial-grade NVMe and SATA III SSDs. It provides users with comprehensive encryption protection through a simple and timely process. In order to enhance data reliability,

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ADATA Power Loss Protect is implemented through software and hardware and utilizes reliable Tantalum polymer capacitors to activate the protection mechanism when the system is powered off abnormally to back up important hard drive data. In addition, considering that huge amounts of data must be collected, transmitted, and computed intensively on edge nodes or workstations without interruption, ADATA Industrial upgraded its A+ SLC technology to push the P/E Cycles of 3D flash memory products to 100,000 cycles, greatly prolonging the service life of SSDs and improving durability considerably. Furthermore, when intelligent automation, harsh operating environments, and extreme temperature tolerance must be considered, ADATA Industrial has launched corresponding broad-temperature-resistant storage products, which must pass ADATA's exclusive broad-temperature testing process (Wide Temperature Test Flow - repeated testing to ensure that the product can maintain stable and reliable operation in the extreme temperature range of -40°C to 85°C.) before leaving the factory.

### **Industrial-grade DDR5 5600 memory**

Another highlight of ADATA Industrial at Electronica India is the company's high-performance DDR5 5600 industrial-grade memory solution, which will be exhibited in a variety of specifications including U-DIMM, SO-DIMM, R-DIMM, etc. These products support On-die ECC error correction, utilize strictly screened high-quality components, are available in a variety of capacities, and only require a low 1.1V to operate. These memory modules adopt a 30µ gold-plated PCB coating which stabilizes and defines signal transmission. In addition, ADATA Industrial can also provide customized services according to customer needs such as anti-vulcanization technology and conformal coatings to strengthen against contamination, dust and humidity, and greatly extend the service life of the product.

For more details, please visit the official ADATA Industrial website:

<https://industrial.adata.com/en/edm/ElectronicaIndia2023>

You are welcome to visit ADATA Industrial's booth. Electronica India 2023 exhibition information as follows:

**Date: 13-15 September, 2023**

**Location: Bangalore International Exhibition Centre (BIEC)**

**Booth No.: Hall 5, EE43**

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### **About ADATA Industrial**

With its R&D and manufacturing prowess, ADATA Technology (TWSE: 3260.TWO) was ranked Top 2 among the world's DRAM and SSD manufacturers in 2022. It holds over 500 memory-

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related patents and offers a full lineup of industrial-grade memory products, including DRAM, SSDs, and memory cards, which all meet the ISO 14001 and IECQ QC080000 certification standards. ADATA has a global presence and is able to offer high-quality technical and after services to customers regardless of geographic location. At the same time, ADATA is also able to leverage its R&D and manufacturing capabilities to provide customized products and solutions that meet the unique needs of individual customers. With its commitment to quality and innovation, ADATA is ready to serve the industrial sector with the widest range of memory solutions and work hand-in-hand with customers to create a better world and enrich lives. For more information, please visit [industrial.adata.com](http://industrial.adata.com).

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