

Avalue EPS-ADS High-Performance Fanless Rugged System

Compact, Highly Applicable, Outstanding Industrial-Grade Performance



TAIPEI, TAIWAN, October 24th, 2023 – [Avalue Technology](#) Inc. (TAIEX: 3479-TW), a global [industrial PC solution](#) provider and a Titanium member of the Intel® Internet of Things Solutions Alliance, endeavors to provide a complete range of smart retail, smart healthcare, smart manufacturing, smart transportation and embedded solutions. Avalue Technology has announced the launch of its [EPS-ADS](#) rugged fanless embedded system. Driven by Intel®12th Gen Core™ processor (codenamed Alder Lake-S) with Intel® Iris UHD

Graphics, EPS-ADS redefines high-performance computing, providing exceptional computing power, flexibility and scalability, making it applicable for industrial automation, smart control, machine vision, data analysis and embedded applications.

To meet different challenges, Avalue [EPS-ADS](#) provides powerful support driven by Intel® 12th Gen Alder Lake-S processor with Intel® UHD Graphics 770, which offer up to 32 graphics execution units (EUs) for outstanding computing performance. Using silent fanless design, passing 50G shock test and 5G vibration test, plus IP50 rating for water and dust resistance, and operating at a wide temperature range from -10°C to 55°C, EPS-ADS rugged system is sturdy and reliable, ensuring exceptional stability and reliability even in harsh environments. Equipped with a variety of I/O ports, including four 4K@60Hz display outputs, two HDMI 2.0b and two DP++ 1.4 ports, two Intel® Gigabit Ethernet (2.5GbE and 1GbE) ports, three storage options (one 2.5-inch hard disk slot and two M.2 B/M slots), six COM ports (two RS232 and four RS232/422/485), and eight USB ports (two USB 2.0 and six USB 3.2), [EPS-ADS](#) offers a myriad of connectivity options to meet different application scenarios, giving users high flexibility and expandability. Furthermore, EPS-ADS fanless rugged system has a compact size, measuring 21.5cm x 20cm and only 7.5cm thick, does not take up much space and is easy to install in different places. Given its flexible I/O and fan options, Avalue EPS-ADS may be customized to users' specific requirements and provide solutions to meet specific project requirements.

Being CE and FCC Class B certified, and having an IP50 rating for water and dust resistance, Avalue [EPS-ADS](#) possesses outstanding industrial-grade reliability. Not only is it highly effective in applications such as automated warehousing and logistics operations, AI inspection equipment, automated robotic assembly and automated production line, it can also be used for automated payment at airports, hotels and malls, and integrated into robot guide or usher. With its wide variety of I/O ports for flexible expansion, high-speed Wi-Fi and 5G transmission, and compact size and easy installation, Avalue EPS-ADS fanless rugged system is your best choice for industrial-grade embedded solution.

to talk to our sales team.

About [Avalue Technology](#)

[Avalue Technology](#) (TAIEX: 3479-TW) is a professional [industrial computer](#) manufacturing company, who is dedicated to developing the x86 and RISC architecture products, including [Industrial & Embedded Motherboard](#), [Industrial Computer](#) , [Panel PC](#) , [System On Module](#) , [POS Terminal](#) , [Tablet](#), [Software](#) and [various IOT ready products](#) . Having expanded, [Avalue](#) offers its expertise on PCB/ Assembly/ BIOS version control and all types of after-sales services. An ISO 9001:2015, ISO 13485:2016, ISO 14001:2015 and ISO-45001: 2018 certified company; [Avalue](#) offers assurance to customers in every aspect of business. With headquarter located in Taiwan, [Avalue](#) has global subsidiaries, including offices in Shanghai, New Jersey, California and Tokyo. In addition, [Avalue Technology](#) operates an extensive distribution network to accommodate and serve customers all around the world.

Media Contact:

Email: avaluenews@avalue.com.tw