

## Advantech launches AIM-75S industrial-grade tablet with Android 10 and certification for Google Mobile Services

**Germering, May 2021** – Advantech, a leading mobile computing platform provider, is pleased to announce its AIM-75S 8" industrial tablet – the latest generation model of its popular AIM series. Powered by a Qualcomm® Snapdragon™ 660 processor, AIM-75S features Android 10 as the default operating system and has passed 7 test suites with 2 million test items to be certified for Google Mobile Services (GMS). GMS offers a set of pre-loaded apps and services designed to boost the productivity of certified Android devices and ensure a consistent user experience.

Lightweight (600g) yet rugged and fanless, AIM-75S is designed for maximum portability and configuration flexibility to support a wide range of applications. The 8" WUXGA IPS LCD display with 1920 x 1200 resolution and scratch-resistant Corning® Gorilla® Glass 3 touchscreen support 10 multi-touch PCAP control as well as gloved and stylus operation. With its IP65 rating for protection from dust and water ingress, 4-ft. drop tolerance (up to 6 ft. with a ruggedized frame), and compliance with SAE J1455 specifications for shock/vibration tolerance, AIM-75S tablets have the durability to withstand operation in harsh indoor/outdoor environments. Additionally, a key advantage of AIM-75S tablets is their high expandability for diverse applications and easy integration with existing systems. To expand the system functions, AIM-75S tablets can be equipped with a variety of application-oriented peripherals, such as a barcode scanner, MSR reader, multi-tablet charging station, multi-battery charging station, and VESA dock, according to specific usage requirements. For diverse vertical manufacturing (inventory checking, material picking, material management, quality inspections, asset management, and order dispatch), retail (drive-through and table-side ordering, sales assistant, store management, and customer management), and field service (on-site troubleshooting and diagnostics, proof of service, situational analysis, and facility inspections) applications, AIM-75S tablets can improve operational accuracy, efficiency, and productivity.

### Android 10 with GMS Support Enhances Usage Experience

Android 10 comes with numerous application-ready APIs, which reduces app development time. To be certified for GMS, the AIM-75S tablet passed 2 million test items to provide the optimum out-of-the-box usage experience and assured compatibility with Google's suite of proprietary software applications, such as its Chrome browser, YouTube, Gmail, Google Maps, and even the Google Play Store. This ensures users can easily install/uninstall, manage, and update apps. Moreover, Google's Chrome for Android browser has an option called Lite Mode that routes pages through Google servers so the data is compressed. For

users, this can reduce data usage by up to 50% and thereby accelerate browsing speeds.

### **Sustainable performance and Long-Duration Operation**

AIM-75S is equipped with a Snapdragon™ 660 series processor, which is one of Qualcomm's best-selling computing platforms due to its high performance and product longevity support. The 14nm chipset fabrication process reduces active power consumption, while the inclusion of two power management integrated circuits (PMIC) improves power efficiency for extended battery life, allowing AIM-75S to support up to 12 hours of operation.

### **Excellent Connectivity for Real-Time Communication**

To facilitate high-speed data transmissions, and GPS tracking, the AIM-75S tablet features built-in LTE Cat 6, WLAN, Bluetooth, and NFC communication technology. It also supports multiple GPS systems, including GPS, Glonass, BeiDou, Galileo, QZSS, and SBAS, as well as 802.11 a/b/g/n/ac WLAN and the 802.11 k/v/r roaming protocol for enhanced WLAN performance and real-time communication with back-end control systems.

### **Key Features**

- Qualcomm® Snapdragon™ 660 processor
- Android 10 operating system certified for GMS
- 8" LCD with 400-nit brightness and 1920 x 1200 resolution
- Corning® Gorilla® Glass 3 touchscreen supports gloved and stylus operation
- LTE Cat. 6, WLAN (802.11 a/b/g/n/ac/k/v/r), Bluetooth and NFC connectivity
- Supports up to 12 hours operations
- Optional peripherals include 1D/2D barcode scanner, MSR reader, multi-tablet charging station, multi-battery charging station, and VESA dock

### **About Advantech Service-IoT GmbH**

As a global player in intelligent IoT systems and embedded platforms, Advantech Service-IoT GmbH is part of Advantech Co., Ltd., founded in 1983 in Taiwan.

Advantech promotes IoT hardware and software solutions to drive IoT, Big Data, and Artificial Intelligence. It also supports business partners and customers in connecting industrial value chains. To help shape corporate ecosystems and accelerate the realization of industrial intelligence, Advantech leverages its ever-expanding networks of partners.

Within the support, sales and marketing network, more than 8,600 Advantech employees worldwide are committed to rapid time-to-market services.

The trade name Advantech-DLoG, which was introduced in 2010, will continue to exist as a product

brand after the name change. The brand name originated from the former DLoG GmbH, has now been renamed Advantech Service-IoT GmbH and has been fully integrated into the Advantech Group.

**About Advantech**

Advantech's corporate vision is to enable an intelligent planet. The company is a global leader in the fields of IoT intelligent systems and embedded platforms. To embrace the trends of IoT, big data, and artificial intelligence, Advantech promotes IoT hardware and software solutions with the Edge Intelligence WISE-PaaS core to assist business partners and clients in connecting their industrial chains. Advantech is also working with business partners to co-create business ecosystems that accelerate the goal of industrial intelligence. ([www.advantech.com](http://www.advantech.com))

More Information: <https://advantech-service-iot.eu/>

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