Avalue Technology Newsletter February 2024

Avalue Technology Unveils OFR-21WMX Open Frame Panel PC for Fitness and Rehab Equipment

February 29th , 2024 –Avalue Technology Inc. (TAIEX: 3479-TW), a global industrial PC solution provider and a Titanium member of the Intel® Internet of Things Solutions Alliance.

Avalue is proud to announce the launch of its new open frame panel PC OFR-21WMX tailored for gym and rehab equipment, delivering a seamless blend of powerful hardware performance, versatile connectivity, and user-friendly software integration.

Powerful Performance and Flexible Display Options

Featuring robust ARM processors, the Avalue panel PC ensures smooth operation and high performance. With display sizes ranging from 15.6" to 21.5", it offers flexibility to fit various equipment designs and customer needs, delivering crisp visuals and responsive touch functionality.

Tailored for Fitness and Rehab Equipment

The Avalue panel PC is ideal for fitness equipment manufacturers needing hardware and HMI solutions. Compatible with popular software platforms like DKCity, SportsArt, and SRS, it seamlessly integrates with existing systems, reducing development time and cost. Its open architecture allows for easy customization, ensuring compatibility with a wide range of applications and software environments.

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Advanced Connectivity and Peripheral Support

Featuring a comprehensive range of I/O interfaces, including USB 2.0, Ethernet, HDMI, and audio ports, the Avalue open frame panel PC provides versatile connectivity options for peripherals and accessories. It also supports wireless connectivity with Wi-Fi and Bluetooth, enabling easy integration with networked devices and wireless data transfer. Unlike typical open-frame panel PC, it offers extensive peripheral support, including TV Tuner, Heart Rate Monitor, and Fan Control, enhancing the user experience and product capabilities.

Android and Linux Compatibility

Designed to be compatible with MediaTek chipsets, this panel PC supports Android and Linux operating systems, offering flexibility for developers and users to choose the OS that best suits their needs, ensuring smooth integration with existing software and applications. Additionally, it is CE, FCC, and UKCA certified, meeting stringent regulations for electromagnetic compatibility and safety standards in different geographies, making it undoubtedly the best choice for equipment vendors.

OFR-21WMX Features:

l Onboard MT8365 CPU, Quad-core ARM 2.0GHz Cortex-A53 MP Core, ARM Mali G52 GPU

l System Memory 4GB DDR4/32GB eMMC
l 1 x Audio amplifier
l 1 x DC Jack /12V/60W
l 1 x LAN (10M 100M) RJ45
l 1-HDMI (AUX-088 HDMI 2.0 Connector, 3 in / 1 out)
l 1 x Line-out
l 1-RS232, 1-RS232/RS485, 4-USB 2.0

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