ADVANTECH

Advantech Unveils 1U Desktop Barebone System EPC-T2285

August 5, 2016, – Advantech, a leading embedded computing solution provider, announced the release of its latest new thin barebone system with 6th Gen. Intel® Core™ Processors – EPC-T2285. This system is designed with Intel® 6th generation Core™ I processors which have high processing and graphic performance. The integrated Intel® Gen 9 graphics, which are featured in this new microarchitecture, supply up to two independently operated 60 Hz 4K displays via DisplayPort or HDMI Port. EPC-T2285 can also support Wall/ VESA/ Rack mounting.

Thin Design and High Performance for Space-limited Desktop Solutions
The EPC-T2285 measures just 250 x 44.2 x 225 mm. The height is only 1U, but it uses the high processing capability of a desktop CPU up to deliver high performance. The motherboard uses Advantech's AIMB-285 thin Mini-ITX form factor industrial motherboard supporting 14 nm process quad/dual-core Intel® 6th Core™ i7/i5/i3 and Celeron® processors. The Intel® H110 Express chipset supports Dual Channel DDR4 2133MHz memory (up to 32GB) in two SODIMM slots. Features include integrated Intel® Gen 9 graphics (Display Port, HDMI outputs), dual Gigabit Ethernet, 4 x USB 2.0 ports, 4 x USB 3.0 ports, 2 x serial ports (1x RS-232/422/485, 1x RS-232 w/ 5V 12V), Audio jack w/ Mic in, line out, 1 x mPCIe w/ mSATA, 1 x mPCIe for a wireless module, and a 2.5Φ power jack with 12V DC input.

Implementing IoT Applications with WISE-PaaS/RMM

Due to its thin design, powerful processor, rich I/O interface, and flexible hold mode, the EPC-T2285 is ideal for industry automation, digital signage, and interior kiosk applications. The best feature of EPC-T2285 is that it can combine with Advantech's WISE-PaaS/RMM solution to implement IoT applications. WISE-PaaS/RMM is an IoT device management software platform which comes with more than 100 RESTful APIs including account management, device management, device control, event management, system management, and database management. WISE-PaaS/RMM not only helps create new web services but also helps to integrate functions and data with its powerful management tools. Furthermore, WISE-PaaS is going to release WISE-Agent source code as open source which can help customers to develop their own applications even faster. WISE-PaaS highly enhances connectivity for hardware, software, devices and sensors, and helps customers to transform their business to include IoT cloud services.

EPC-T2285 Desktop System Features:

l   Thin design only 1U in height

l   Thin barebone with multi-IO ports suitable for a variety of application environments with DC-in design

l   Quick, easy installation of additional peripherals

l   Supports Wall/VESA/Rack mounting Kit

l   Lock type DC power jack

EPC-T2285 series is available for order now. For more information, please contact an Advantech local sales office or visit: www.advantech.eu

About Embedded Core Service

Advantech Embedded Core Services offers design-in oriented services. These streamlined solutions broadly integrate embedded boards, peripheral modules and software. This dedicated focus on Embedded Design-in services fulfills electronic engineering demands at their design-in phase, and brings benefits that shorten the design and integration cycle, minimizing uncertainty and risk.
www.advantech.eu/EmbCore

About Advantech

Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: www.advantech.eu).