

From: Portwell
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Subject: Portwell Cooperate with Innodisk within Advance Technology to Offer Embedded System Solutions

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PRESS RELEASE

Portwell Cooperate with Innodisk within Advance Technology to Offer Embedded System Solutions
Portwell WEBS-2.1Io Featuring Innodisk InnoAgent and OOB Management Function Brings Mutual Benefit in Multiple Applications

Unmanned Store

Bicycle Kiosk

 Portwell 



WEBS-2110

Camera AOI

Digital Signage

PEI, TAIWAN - June 08, 2023 - [Portwell, Inc.](https://www.portwell.com) a global company that design and manufacture embedded computing solution, Titanium Partner of Intel® Processor, is pleased to announce the launch of products series to cooperate with Innodisk within its advance technology to offer embedded system solutions.

Portwell's embedded systems are designed for industrial applications such as healthcare, automation, and networking along with requirement of fan-less, wide temperature/Power range to operate in mission critical environment which requires industrial-grade components to ensure the system is capable of withstands extreme temperatures, humidity, shock, and vibration, among other environmental factors.

achieve these requirements, the integration of components in an embedded system is crucial to ensure that the system function operates optimally and reliably. Portwell has chosen to integrate Innodisk product series into products for a variety of reasons. Innodisk provides cutting-edge solutions for AIoT, embedded storage, and DRAM modules, essential for driving innovation in multiple industries. With the development of AIoT, there is a growing need to manage and monitor systems located in various locations while still capable of withstanding challenging environmental conditions. Innodisk has developed a broad range of reliable solutions that cater to the unique needs of modern AIoT and embedded systems:

1. **Industrial-grade Flash Storage and DRAM modules:** Highly reliable and stable, providing customized firmware technologies and longer life cycle for embedded and industrial systems.
2. **Embedded Peripherals:** Innodisk's embedded devices also offer a variety of built-in peripheral functions, such as digital input/output (DIO) modules, digital controllers, intelligent power management, chip-level encryption, and more.
3. **Cloud Management Software:** Innodisk's cloud management software, iCAP, allows monitoring, management, and maintenance through the internet, with features such as remote data transmission, automatic backup, and network security encryption.
4. **Firmware-level In-band and OOB (Out-of-band) Solutions:** Provide a secondary management network that allows for remote access to charging stations in the case of primary network failure. From InnoAGE and InnoOSR SSD to InnoAgent module, that can ensure 24/7 operation and minimizes throughput loss through the developed firmware technology or iCAP.

The collaboration between Portwell and Innodisk will bring mutual benefit and creates value-added to Portwell's embedded system, for instance, WEBS-2110 is a fanless ITX mainboard and powering by Intel Elkhart Lake, with integration of Innoagent enables customer to achieve remote management and monitoring capabilities. OOB management technology which is ideally for unmanned store where the areas without maintenance personnel. The OOB function is not only provide remote monitoring but also allows the system to be remote restarted and power on/ off whenever the system malfunction occurred, even if the device's regular network connection is completely unavailable the device remains accessible through InnoAgent's separate communications channel to achieve immediate system recovery with short response time. For next step, Portwell will create UI interface to display the status of embedded system such as CPU loading, storage health, and location so that customers can use it more conveniently.

In the future, Portwell will introduce more Embedded Peripherals into Portwell's embedded system to provide additional add-on value.

As Portwell and Innodisk specialize in embedded computing solutions, we will keep collaborating to offer advanced and reliable products to fulfill customers' needs.

OTHER NEWS

[Portwell Unveils New Fanless DIN-Rail Gateway PECA-6232T with Diversified Ethernet Functions for Industrial Security](#)

SHANGHAI, PEI, TAIWAN – May 23, 2023 – Portwell, Inc., a leading innovator in Industrial PC (IPC) and embedded computing solutions, launched a new Industrial Gateway – PECA-6232T. This gateway provides a reliable and secure network infrastructure tailored to modern industrial environments, helping to address growing cybersecurity threats in ...

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COM-B883VG2: A COM-HPC Client Type Size B Module with 13th Gen Intel® Core™ Processor for Medical Equipment and Industrial Control Solutions

In recent years, as digital transformation has become increasingly prevalent for industry applications in medical equipment, industrial control, and edge/network communication, the demand is growing for embedded computers to provide ever-accelerating high-performance computing and processing ...

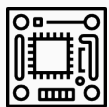
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COM-B800GT: A COM-HPC Server Type Size E Module with Intel® Xeon D-2700 Pro® processor that Adds a Dynamic Element to Empower “Smarter” Edge IoT

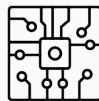
Information Because computing—visible or ambient—is everywhere, operating 24×7 nowadays, embedded computing design faces ever-increasing challenges, including but not limited to, high-performance multi-core processing with AI capabilities, wider temperature range support for industrial environment deployments, and enhanced ...

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PRODUCT CATALOGS



Module Computing Service



IPS Board Solution



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