

Press Release - European Portwell Technology

Ready for publishing:

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

Portwell WEBS-2110 Featuring Innodisk InnoAgent and OOB Management Function Brings Mutual Benefit in Multiple Applications



Nieuw Vennep, Netherlands – June 22, 2023 – Portwell Europe (Portwell - Home), a global company that design and manufacture embedded computing solution, Titanium Partner of Intel® Partner Alliance, 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 withstanding extreme temperatures, humidity, shock, and vibration, among other environmental factors.

To 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 flash 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 cycles 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, display 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 case of primary network failure. From InnoAGE and InnoOSR SSD to InnoAgent module, that can ensure 24/7 operation and minimizes downtime through self-developed firmware technology or iCAP.

The collaboration between Portwell and Innodisk will bring mutual benefit and creates value-added to Portwell's BOX PC, for instance, with integration of InnoAgent on Portwell's embedded box WEBS-2110, through OOB management technology customers will be able to manage and monitor the system remotely, especially in unmanned store where the areas without maintenance personnel. The OOB function not only provides remote monitoring but also allows for remote restarts and power on/ off the system 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 and save repair time. In the future, Portwell will integrate more specific modules into the embedded system to meet customer requirements.

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

For more information about us, please visit our websites(www.portwell.eu) or write us an email (sales@portwell.eu).

About Portwell

Portwell, Inc., an Associate member of the Intel® Internet of Things Solutions Alliance, designs and manufactures a full range of IPC products (SBC, backplane, redundant power supply, rack mount & node chassis), embedded architecture solutions, DVR system platforms and communications appliances. We provide complete R&D and project management services to decrease customers' time to market and reduce project risk and cost. Portwell is also an ISO 13485, ISO 9001 and ISO 14001 certified company that deploys quality assurance through product design, verification and manufacturing cycles.

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