Press Release - European Portwell Technology
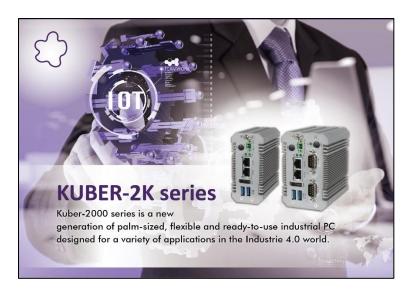
Ready for publishing:

PORTWELL LAUNCHES
PALMSIZE, ROBUST AND FANLESS BOX PC SERIES - KUBER

The Kuber series is fan-less, compact & meets
extended EMI and EMS requirements of demanding applications

Nieuw Vennep, Netherlands, Mitwell, a Portwell subsidiary (www.portwell.eu) & world-leader innovator for Industrial PC (IPC) and embedded computing solutions, and associate member of Intel® Internet of Things (IoT) Solutions Alliance - today announces its new Box PC series Kuber - a compact-sized, fan-less embedded system featuring the latest 14nm Intel® Celeron® N3350 processor (codenamed Apollo Lake). The two first products of the family, the Kuber-2110 and Kuber-212E are launched today.

   The Kuber series is packaged in a rugged, fan-less case and features the latest Intel® Intel® Celeron® processor N3350 with 4GB (LPDDR4 2400) memory. The series benefits from about 30% more computing power and 45% more graphics performance compared to the previous generation and offers powerful Intel Gen9 graphics, with up to 18 execution units and allowing the connection of 4k displays via display port. In addition, the fan-less Kuber series operates with a Thermal Design Power (TDP) below 10W (depends on version) and supports 12-30 VDC +/- 20% power consumption for demanding applications.
   For local data acquisition, the Kuber series offers industrial interfaces such as 2x Gb Industrial Ethernet (Intel® i210) - 2x USB 3.0. 32GB (up to 256GB optional) integrated eMMC storage for operating

system, application software and data - a M.2 Key-E, 2230 for WIFI connection complete the storage and expansion options.

Kuber-2110

Its compact 99 (L) x 46 (W) x 92 (D) mm design, low power consumption, high-performance computing and powerful graphics engine make the Kuber-2110 the perfect solution for harsh industrial automation applications, the factory automation, and a perfect IoT gateway.

Kuber-212E

The Kuber-212E Industrial Computer sized 99mm (L) x 63mm (W) x 92 mm (D) offers the same basic feature set of the Kuber series. In addition to this, the Kuber-212E has two COM-ports, one RS-232 and one BIOS configurable RS-232/422/485. An additional M.2 Key B 2242 and one Mini PCIe slot, complete the industrial automation focused feature set.

For use in harsh environments, the Kuber series meets the heavy-industry requirements of EN 61000-6-4 (EMI) and EN 61000-6-2 (EMS) and the EMS standards IEC 61000-4-4, 4-6, 4-8, which contain extended EFT, CS and PFMF criteria, compared to the general industry standard (EN 61000-6-1). This makes the Kuber series a perfect solution for applications such as plant networking, process monitoring, environmental management and process visualization.

On the software side, Windows 10 IoT Enterprise and Yocto Linux as operating systems, eAPI combined with sget's UIC (Universal IoT Connector) and Microsoft Azure guarantee high flexibility for the use in various applications.

Links:
https://www.portwell.eu/en/products/embedded-system-computing/embedded-system/value-fanless/product/Kuber-2110/
https://www.portwell.eu/en/products/embedded-system-computing/embedded-system/value-fanless/product/Kuber-212E/

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.

Intel and Core are trademarks of Intel Corporation in the United States and other countries. All other products and company names referred to herein may be trademarks or registered trademarks of their respective companies or mark holders.

For further information

Media contact:
Peter Ahne
Phone: +49 6103-3008-105
Email: peter.ahne@portwell.eu

European Portwell Technology B.V.
Schillingweg 3
NL-2153 PL Nieuw Vennep
Tel: +31-252-620790
Email: info@portwell.eu
Internet: www.portwell.eu