

American Portwell Technology, Inc.

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www.portwell.com**PEB-2738**

Portwell's PEB-2738 utilizes the Intel ECX form factor and supports the latest options of the Intel Atom processor Z5xx series and the Intel System Controller Hub US15W, including industrial temperature range and larger footprint version with 1.0 mm ball pitch. The power-optimized micro-architecture of the new Intel Atom platform benefits a range of low power, wide temperature, and fan-less devices in applications such as in-vehicle infotainment, medical, military, and industrial automation and control. The PEB-2738 is specifically designed to operate at a very low power consumption of less than 10 Watts at full loading. It supports dual independent display by LVDS and SDVO daughtercard (DVI/VGA/LVDS, project-based).

**FEATURES**

- › Intel Atom processor Z5xx series and the Intel System Controller Hub US15W, featuring industrial temperature range and larger footprint version with 1.0 mm ball pitch
- › One 200-pin SODIMM supports DDR2 SDRAM up to 2GB
- › One Type II CompactFlash and one IDE connector
- › Dual independent display: SDVO and 24-bit LVDS; multi-stream audio and CH5.1 supported
- › Trusted Platform Module (TPM) and USB-Disk Module (UDM) could be added onboard
- › Expansion: PCIe x1 golden finger and I/O connector with SDVO/USB/PCIe x1 signal

For more information, contact: info@portwell.comRSC# 41621 @ www.industrial-embedded.com/rsc