

Devices: AMS210, ESP32 and Raspberry Pi

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Created *19/05/2020 - 6:32pm*

Submitted by Roy Schestowitz on Tuesday 19th of May 2020 06:32:52 PM Filed under [Hardware](#) [1]

- [Coffee Lake Box PC offers PCIe and PCI expansion](#) [2]

Ibase's semi-rugged AMS210 box PC runs on 8th or 9th Gen Coffee Lake CPUs with features including dual SATA bays, 4x GbE, 6x USB, 3x DP, and PCI and PCIe expansion slots.

Ibase announced an industrial embedded box PC and automatic control system for factory automation, machine vision, digital signage, and industrial IoT applications. The AMS210 has a lot of in common with last month's AMI230 series, including the 8th and 9th Gen Coffee Lake CPUs, dual SATA bays, 4x GbE ports, and PCIe expansion slots. No OS support is listed, but we imagine that like the AMI230 series, the AMS210 supports Linux and Windows.

- [Olimex ESP32-S2-Devkit-LiPo WiFi Board Consumes as Little as 2uA in Sleep Mode](#) [3]

When we covered ESP32 powered TTGO T-Watch-2000 smartwatch this week-end, people noted that with a 350 mAh battery, the watch would last about 3.65 days considering a 4mA drain with the screen always off, WiFi and Bluetooth off, and around 65mA when the screen is on good for about 5 hours of continuous use without Bluetooth nor WiFi.

[...]

Despite the added battery charger and circuitry, ESP32-S2-Devkit-LiPo will have the same size as ESP-32-Saola-1R, and use the same ESP32-S2-WROVER module with 2MB RAM and 4MB Flash.

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Links:

[1] <http://www.tuxmachines.org/taxonomy/term/39>

[2] <http://linuxgizmos.com/coffee-lake-box-pc-offers-pcie-and-pci-expansion/>

[3] <https://www.cnx-software.com/2020/05/19/olimex-esp32-s2-devkit-lipo-wifi-board-to-consume-as-little-as-2ua-in-sleep-mode/>

[4] <https://www.raspberrypi.org/blog/coolest-projects-goes-online-2020/>