# AMD Takes on Mini PCs

Written by Frederick Douglas
 04 December 2019

AMD looks to butt heads with the Intel NUCs as it announces plans to create an "open ecosystem" for OEMs wanting to create high-performance mini PCs powered by Ryzen Embedded V1000 and R1000 processors.



Initially aimed at the industrial, media, communications and enterprise markets, the machines promise an open and customisable platform complete with high-performance CPU/GPU processor with "expansive" peripheral support, in-depth security features and a processor availability clocking at 10 years. In addition, AMD already counts ASRock Industrial, EEPD, OnLogic and Simply NUc as OEM partners.

Stressing on the open nature of the platform, AMD describes the hardware available from the aforementioned partners. For instance, ASRock has the 4X4 BOX systems aimed at home entertainment, business and industrial applications, while EEPD offers embedded mini PCs promising high-performance computing from a compact space. The first two AMD-powered OnLogic mini PCs are the ML100G-40 and MC510-40, both aimed at industrial applications with a rugged form factor. Finally SimplyNUC has long-lasting units designed to power free-standing utilities such as digital signage displays and electronic kiosks.

"The demand for high performance computing isn't limited to servers or desktop PCs. Embedded customers want access to small form factor PCs that can support open software

standards, demanding workloads at the edge, and even display 4K content, all with embedded processors that have a planned availability of 10 years," the company says. "This is why many of our technology partners have chosen AMD Ryzen Embedded processors to power their Mini PCs. We are excited to work together and provide the industry with a new open ecosystem for small form factor computing."

Go  [AMD Enables Ecosystem for High-Performance Mini PCs Powered by AMD Ryzen Embedded Processors](#)