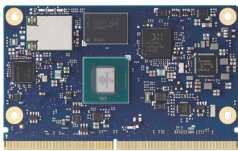


SMARC Computer-on-Modules

BUILDING BLOCKS FOR LOW POWER EMBEDDED SYSTEMS

SMARC form factor is the only computer-on-module form factor that truly is capable of supporting both ARM and x86 designs. With 314-pins on a high speed MXM3 connector, SMARC can fully cover both typical x86 interfaces as well as typical ARM type low level signals. Using ARM SoCs opens the possibility to leverage the product ecosystem of familiar devices such as tablet computers and smart phones. The module power envelope is limited to max. 15W and the form factor is ideal for applications that mandate designs able to withstand extreme environmental conditions.

SMARC
module

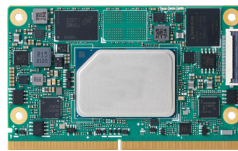


[LEC-IMX8MP](#)

NXP i.MX 8M Plus Series

NXP i.MX 8M Plus Series for Machine Learning, Vision, Multimedia and Industrial IoT Applications

NXP i.MX 8M Plus quad-core SoC integrates NXP NPU, VPU, GPU and ISP computing for AI-based applications. The powerful quad-core Arm Cortex-A53 processor runs up to 1.8 GHz with an integrated neural processing unit (NPU), delivering up to 2.3 Terra Operations Per Second (TOPS) for machine learning inference at the edge, suited for applications that require machine learning and vision systems paired with smart sensors to enable industrial decision-making.

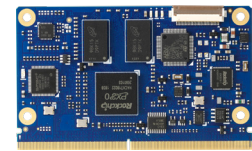


[LEC-EL](#)

INTEL Elkhart Lake Series

Intel Atom x6000E Series, Pentium and Celeron N and J Series Processors for IoT Applications

Intel Elkhart Lake processors offer up to a 1.7x improvement in single-thread performance, up to a 1.5x improvement in multi-thread performance, and up to 2x performance improvement in graphics compared to previous generation processors. Intel UHD Graphics can support up to three independent 4K displays. Our modules offer In-band ECC with standard memory, dual 2.5GbE Ethernet, and TSN (Time-Sensitive Networking) support.



[LEC-PX30](#)

ROCKCHIP PX30 Series

Rockchip PX30 Optimized for low-power and low-cost Industrial IoT Applications

Rockchip PX30, based on power-efficient quad-core Arm Cortex-A35 architecture is a low-power, low-cost, entry-level processor. For applications, such as IoT controllers, IoT gateways, wearable and mobile industrial devices, basic HMI, sensor concentrators, requiring good computing performance at low-power consumption (1.5W-5W) and Linux Yocto capability, Rockchip PX30 SoC is an ideal solution.

- To learn more about ADLINK's SMARC computer-on-modules, please visit the [ADLINK website](#).
- [Buy devkits online](#).

Product Overview