

SKILLS AND TARGET MARKET

The **Novasom Industries M-line** was created for those **advanced multimedia applications**, where the computing power and the presence of specific **HW accelerators**, are needed as much as the advanced **connectivity** to various kinds of displays while maintaining the classic low-level industrial connectivity.

Perfect for Digital Signage, Infotainment, multimedia and advertising applications.

Novasom Industries **M11**, based on the new **Intel Apollo Lake x5**, 6th generation of Atom CPU with **Microsoft Windows 10** and **UHD (4k)** video capabilities, are perfect for the typical Kiosks & Digital-Signage applications.

M9 is also extremely powerful, based on the Allwinner H6 processor can drive **UHD (4k)** displays, has an **mPCIe** slot, **USB3 and 2** ports and supports **Android OS**.

Last but not least, there is the **M8** with **Qualcomm Snapdragon 410E**. This board runs with Android and **Windows 10 IoT** and can be connected to HD displays.

All the M-Line boards support Linux OS.

RASPMOOD form factor for M8 and M9: mechanical holes, expansion pin on strip, connector kind and position are similar to the famous Pi Family.

So if you've started with a toy-board and want to move to an **industrial proposal**, we're ready.

Visit www.novasomindustries.com website for last update

- UP TO 5 YEARS TOTAL WARRANTY
- 10 YEARS LIFETIME AVAILABILITY
- ONLY INDUSTRIAL COMPONENTS USED
- FOR INFOTAINMENT, MULTIMEDIA AND ADVERTISING APPLICATIONS



UNIQUE SELLING POINTS

- Unit is a **complete SBC** with immediate bootstrap (it is **not a SOM**)
- **Native Android support O.S. (M8 & M9)**
- **Native Windows 10 and Linux (M11)**
- **Embedded UPS manager with battery and Redundant Power Input**
- **HD Audio and Optical SPDIF**
- **mPCIe** interface slot (M9 & M11)
- **Dual Ethernet** with Poe PD capability with different MAC address (**M11**)
- **Fluidity** and no scratch on Heavy **FHD** play guaranteed (also on UHD for M11)
- Fully **certified** board, visit www.novasomindustries.com for detail



● STANDARD PRODUCTS

3 different standard products (with different configurations) are available:

- **Novasom M8:** based on Qualcomm Snapdragon 410E CPU, RASPMOOD desing, support Android, Linux, Windows 10 IoT.
- **Novasom M9:** Quad Cortex A53, RASPMOOD design, support Android and Linux.
- **Novasom M11:** with Intel Apollo Lake 6th gen. Dual and Quad Core that support Windows 10 and Linux.

For volumes, custom/tailor made boards with various options/accessories are available,

For more details visit www.novasomindustries.com.



● EVALUATION DEVELOPMENT KIT

The standard Development Kits are made by one Novasom Industries board, Micro SD 4GB with SDK and SW demo, power supply wall plug, console cable, instructions to download the SDK loaded into a working Virtual Machine, for Linux OS, where **everything** is installed, **configured** and nothing additional needs to be done.

Our engineering team **guarantees the success** of your design.

● Give us your problems,
we make solutions.

● CUSTOM & TAILOR MADE SOLUTIONS

Our single board computers are designed to be adaptable to the needs of the customers and their production processes. Their design allows us to populate and de-populate the Novasom Industries boards (Tailor-Made Solution) thus achieving the desired configuration and reducing costs.

If Tailor-made Solution is not enough, it is possible to Customize a standard board. We are so skilled and organized in doing this that we have a dedicated article named "SBC Customization" with a fixed price that includes the engineering service to customize one Novasom Industries SBC plus one run of 5 Alpha prototypes. We solve problems, so for any doubt or question do not hesitate to contact us on our website, www.novasomindustries.com.



Novasom
INDUSTRIES
Single Board Computer

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