

DATA MODUL presents its first board of the flexible i.MX8M series

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DATA MODUL announces a new modular embedded board family for the latest i.MX8M processor series in standard Pico ITX 72x100mm form factor. The new NXP i.MX8M is scalable from single-core to quad-core, and is Software and Hardware compatible within the family. The new processor has greater processing power, and less power dissipation than its predecessor, the i.MX6. The eDM-SBC-iMX8Mmini makes its first appearance in this new modular series.

Through 6 different versions of a mezzanine module displays with all known graphic interfaces – such as LVDS / RGB / eDP / MIPI DSI and monitor interfaces (HDMI / DP / DVI) can be driven, up to 4k resolution. The first available module will be able to drive displays with MIPI/DSI interface, making it a perfect combination with 5” displays or larger.

The board is equipped with a 12/24 volt input as standard, but can also be powered with just 5V using a USB 2.0 Micro-B connection. The 12/24 volt input can also be used as the backlight voltage source for a display. Moreover, with the help of the integrated standard M.2 socket, the customer can choose between WLAN/BT and mobile communication (e.g. LTE). Although, the eDM-SBC-iMX8Mmini was designed as a cost-effective version for the commercial sector, it is also available for the industry-compatible wider temperature range from -40°C to +85°C.

Target applications and markets are Kiosk, Digital Signage, Vending machines, Gaming, Appliance Multimedia, Fitness and Healthcare, Industrial tablets, Smart Home & Building and all kinds of HMI solutions.

All modular aspects of the board can be customized or adapted to suit individual customer requirements, thus ensuring simple integration and flexible use.

[Further information, as well as a list of all the board's features, can be found here.](#)

About DATA MODUL

DATA MODUL AG is one of the world's leading specialist providers of display, touch, embedded, monitor and panel PC solutions. Since it was established in 1972, it has consistently pursued the objective of providing its customers with state-of-the-art, tailor-made and individually customized complete solutions for display technologies.

Many years of experience in the field of display, touch, embedded and system technologies enable the company to produce customer-specific value-added services for a variety of industries at its 45,000 m² production and logistics facilities. The extensive distribution portfolio of displays, touchscreens and embedded solutions and the increasingly innovative in-house developments round off the unique modular product portfolio.

The subsidiary DATA MODUL Inc. is headquartered in New York, adding value to today's applications for industrial, medical, gaming, robotics, transportation and maritime in the US market.

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