

iesy i.MX8M-Mini EVA-MI

OSM™ - The new standard for solder-on computer modules

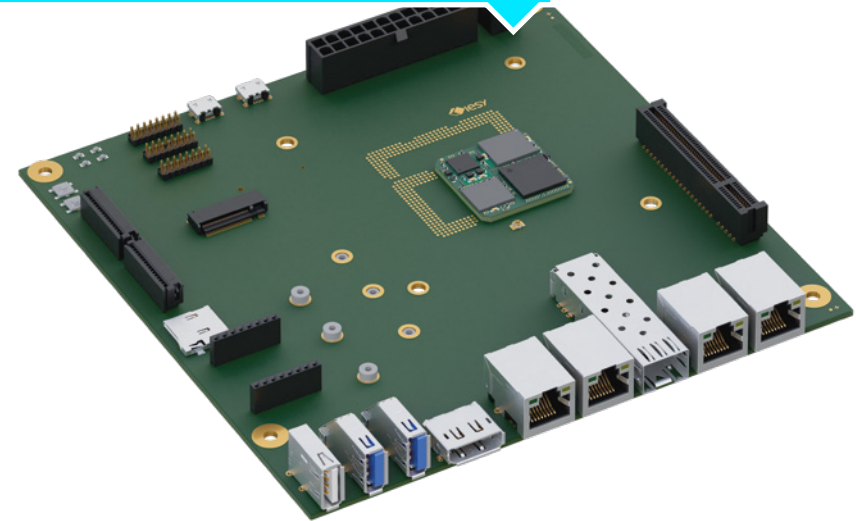
Technical Data

- ▶ Dimension: 170 mm x 170 mm
- ▶ Formfactor: Mini-ITX
- ▶ OSM-Modul: iesy i.MX8M Mini OSM-SF
- ▶ Power supply: 24 V DC-Adapter or laboratory plug (+15 V to +30 V)
- ▶ Power consumption: 40 W (typ.)
- ▶ Temperature range: 0 °C to +70 °C

▶ Features & Interfaces:

- > 1 x Ethernet LAN (10/100/1000M)
- > 1x USB 2.0 OTG
- > 1x USB 2.0 Host
- > 1x USB Debug (COM-Port)
- > 1x M.2 A/E-Key
- > 1x Micro-SD
- > 3x UART
- > 1x HDMI (MIPI-DSI Bridge)
- > 1x mikroBus Slot for SPI/I2C
- > PWM, SPI, GPIO

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Baseboard in Mini-ITX Format



Features

The basis of our Eval kit is our baseboard BB138. Designed in Mini-ITX format (170 mm x 170 mm), it is compact and the perfect platform for all kinds of tests and demonstrations. The cloud, all iesy modules of the OSM™ series can be used on this carrier. The usable range of functions is specified by the OSM™ used. In the following specification we assembled the BB138 together with our module iesy i.MX8M Mini OSM-SF.



iesy is a specialist for embedded computing solutions.. Driven by our passion for technology we have been developing electronic systems since 1966. With a team of experts in soft- and hardware development, manufacturing and device testing, we are an ideal outsourcing partner for the development, prototyping, series production and maintenance of customer-specific electronic products. **This is simple. This is iesy.**