

# Eval Kit - iesy AM62xx EVA-MI

Open Standard Module™

## Technical Concept

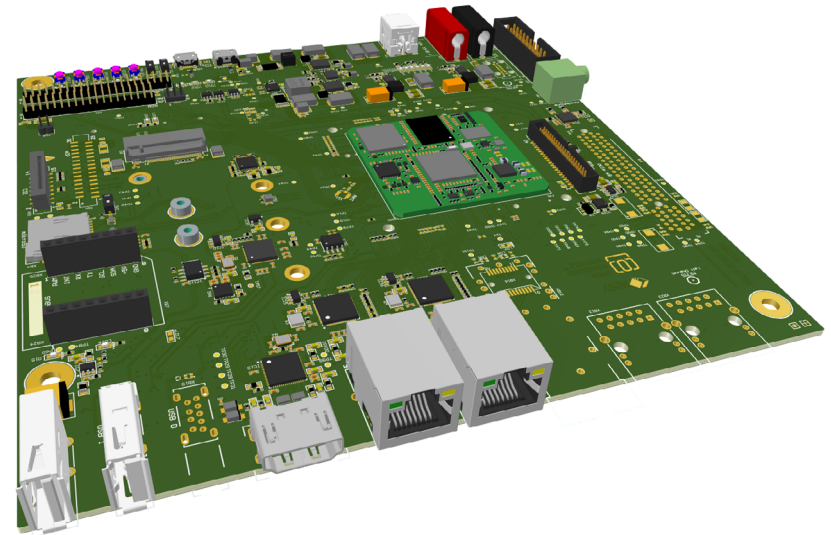
- ▶ Dimension: 170 mm x 170 mm
- ▶ Formfactor: Mini-ITX
- ▶ OSM-Modul: iesy AM62xx OSM-LF
- ▶ Power supply: 24 V DC-Adapter or laboratory plug (+15 V to +30V)
- ▶ Power consumption: min. 6 W
- ▶ Temperature range: 0°C to +70°C

### ▶ Features & Interfaces

- > 2x Ethernet LAN (1G)
- > 1x USB 2.0 OTG
- > 3x USB 2.0 Host
- > 1x M.2 E-Key (incl. SDIO + USB + UART)
- > 1x USB Debug (COM-Port)
- > 1x Micro-SD
- > 3x UART
- > 1x Audio Input, 2x Stereo Microphone MEMS
- > 1x CSI (4 lanes)
- > 1x Dual-LVDS with single video stream
- > 1x RGB (18 bit)
- > 1x mikroBus Slot
- > SPI, GPIO

### ▶ Scope of supply

- > microSD card with preinstalled iesy demo image
- > Click board™ MIKROE-1200 (I2C EEPROM)
- > Click board™ MIKROE-4422 (SPI EEPROM)
- > Micro USB for debug port and USB OTG



## About OSM™

The Open Standard Modules™ specification was adopted by the SGeT e.V. in 2019. The new standard was developed to meet future requirements in terms of **flexibility**, **scalability**, but also **costs**. OSM™ solder-down modules can be **individually adapted** to the respective customer requirements. For this purpose, the individual modules can be made **available to the SMT process** by means of tray & reel packaging and processed automatically. The OSM™ series includes in total four different form factors.



[iesy.com/osm](https://iesy.com/osm)