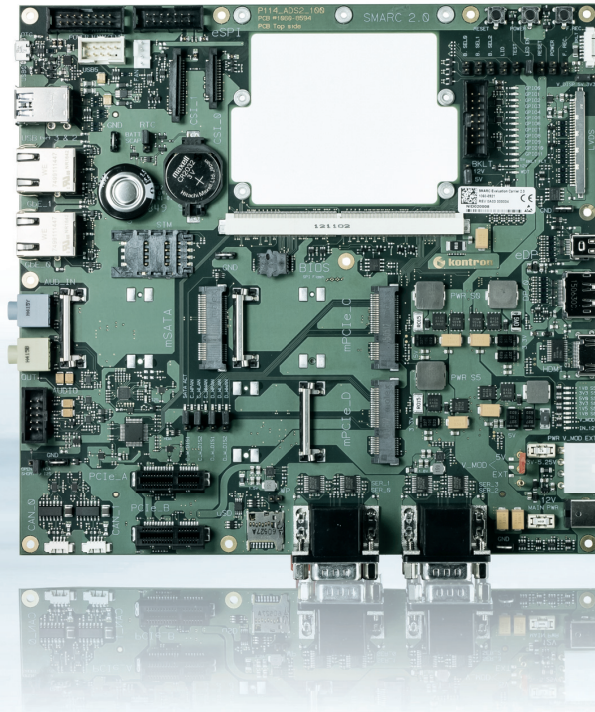


# SMARC EVALUATION CARRIER 2.0

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## SMARC - SMART MOBILE ARCHITECTURE

- ▶ evaluation carrier board for SMARC 2.0 based Computer-on-Modules
- ▶ broad range of interface options for design development flexibility
- ▶ compliant with SMARC 2.0 specification by SGET

POSSIBILITIES START HERE



## SMARC EVALUATION CARRIER 2.0

The SMARC Evaluation carrier 2.0 is designed to allow embedded application developers to get up and running quickly on the SMARC modular platform, giving them a head start on the total system design. Simply select the SMARC module best suited for your application needs, install the module and you are ready to get started. The SMARC Evaluation Carrier is compliant with the SMARC 2.0 specification and supports a broad range of interface options dedicated for low power applications including 2x Gigabit Ethernet support, SD-card socket, USB 2.0 and 3.0, mSATA, PCIe and many more.

The implementation of LVDS, HDMI and DP++ allows multimedia applications, that have never been possible on SMARC before. The intelligent audio implementation allows also HDA on X86 and I2S on ARM platforms to be used on the same audio connectors. MIPI CSI camera support as well as 12 GPIOs increase the flexibility for highly sophisticated applications.

### ▶ TECHNICAL INFORMATION

<b>SPECIAL FEATURES</b>	2x MIPI CSI camera interface, 2x CAN Bus interface, switchable audio interface
<b>I/O FEATURES</b>	4x UARTS, 2x miniPCIe with SIM card support, 2x PCIe, 2x CAN, 12x GPIO
<b>ETHERNET</b>	2x GB LAN
<b>DISPLAY</b>	Dual channel 24 bit LVDS shared with eDP, HDMI interface, DP++ interface
<b>USB</b>	1x USB 2.0 dual role, 1x USB 2.0, 2x USB 3.0, (2x USB connected to mPCIe)
<b>STORAGE</b>	SD Card, mSATA
<b>POWER SUPPLY</b>	12 V single supply, optional 3.0 - 5.25 V for module only
<b>PHYSICAL DIMENSIONS</b>	200 x 210 mm
<b>COMPLIANCE</b>	SMARC (Smart Mobile Architecture) 2.0 specification by SGET

### ▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
SMARC EVALUATION CARRIER 2.0	51300-0000-00-0	SMARC Evaluation Carrier for SMARC modules according to the SMARC 2.0 standard (without SMARC module)

### ▶ CORPORATE OFFICES

#### EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5  
86156 Augsburg  
Germany  
Tel.: + 49 821 4086 0  
Fax: + 49 821 4086 111  
info@kontron.com

#### NORTH AMERICA

14118 Stowe Drive  
Poway, CA 92064-7147  
USA  
Tel.: + 1 888 294 4558  
Fax: + 1 858 677 0898  
info@us.kontron.com

#### ASIA PACIFIC

1-2F, 10 Building, No. 8 Liangshuihe 2nd Street,  
Economical & Technological Development Zone,  
Beijing, 100176, P.R.China  
Tel.: +86 10 63751188  
Fax: +86 10 83682438  
info@kontron.cn

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