

SMARC STARTERKIT



SMARC - Smart Mobility ARCHitecture

- ▶ starterkit for ultra low power SMARC Computer-on-Modules
- ▶ for quick evaluation purposes
- ▶ starterkit include all required hard- and software for immediate start
- ▶ compliant with SMARC specification by SGET

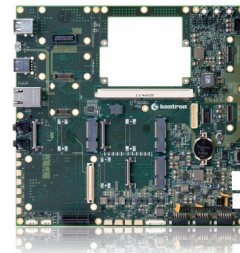


SMARC STARTERKIT

The SMARC Starterkit 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 fully assembled Starterkit is shipped incl. a SMARC Evaluation Carrier, a 10" Display (WXGA) with touch, 12V power supply, cables, accessories and supports a broad range of interface options dedicated for low power applications including Gigabit Ethernet support, SIM card socket, Kontron LVDS adapter, USB and different PCI express interface options. The SMARC Evaluation Carrier supports flexible power options including Li-Ion battery power with recharging circuitry as well as traditional bench top power supplies.



// SMARC STARTERKIT



// SMARC EVAL CARRIER

To further enable maximum design flexibility the Kontron Evaluation Carrier board provides industry standard connectors supporting mSATA, 2x miniPCIe, PCIe x1 as well as Kontron defined mezzanine interfaces for CSI and parallel camera interface, eMMC storage and LVDS displays.

TECHNICAL INFORMATION

SMARC EVALUATION CARRIER	SMARC Evaluation Carrier 200 x 210 mm (511000-0000-00-0)	
DISPLAY	1x 10" Display LD101WX1, 1280x800, incl. assembled display and backlight cable	
ADAPTER AND CABLES	1x Kontron LVDS Jili30 Adapter incl. cable 2x DSUB9 1x µUSB USB A	
SPECIAL FEATURES	Industry and Kontron defined mezzanine interfaces SIM Card interface for mobile application connectivity CSI – Camera Serial Interface Accelerometer Can Bus interface	1x Touch USB Kit 1x Mounting Kit 1x USB Stick with manual and drivers
I/O FEATURES	Serial ports – RS232 2x mini PCIe interface 1x PCIe interface SDIO 4-bit interface to micro SD connector	
ETHERNET	GB LAN	
USB	7 port USB hub supporting multiple I/O options	

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
SMARC STARTERKIT	51100-0000-00-5	SMARC Starterkit incl. a SMARC Evaluation Carrier, 10" Display (WXGA) with touch, 12V power supply, cables, accessories (without SMARC module and cooling solution)

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