

# » Kontron User's Guide «



## SMARC Starterkit

Document Revision 0.1

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# 1 Contents of Starterkit

The SMARC Starterkit includes an Evaluation Carrier and a display with touch which provides an easy plug-in of SMARC modules and line-up many connectors and jacks.

The SMARC Starterkit for industrial temperature grade evaluation purposes -- includes a 7" WVGA Panel and accessories (module purchased separately).

Bill of Material:

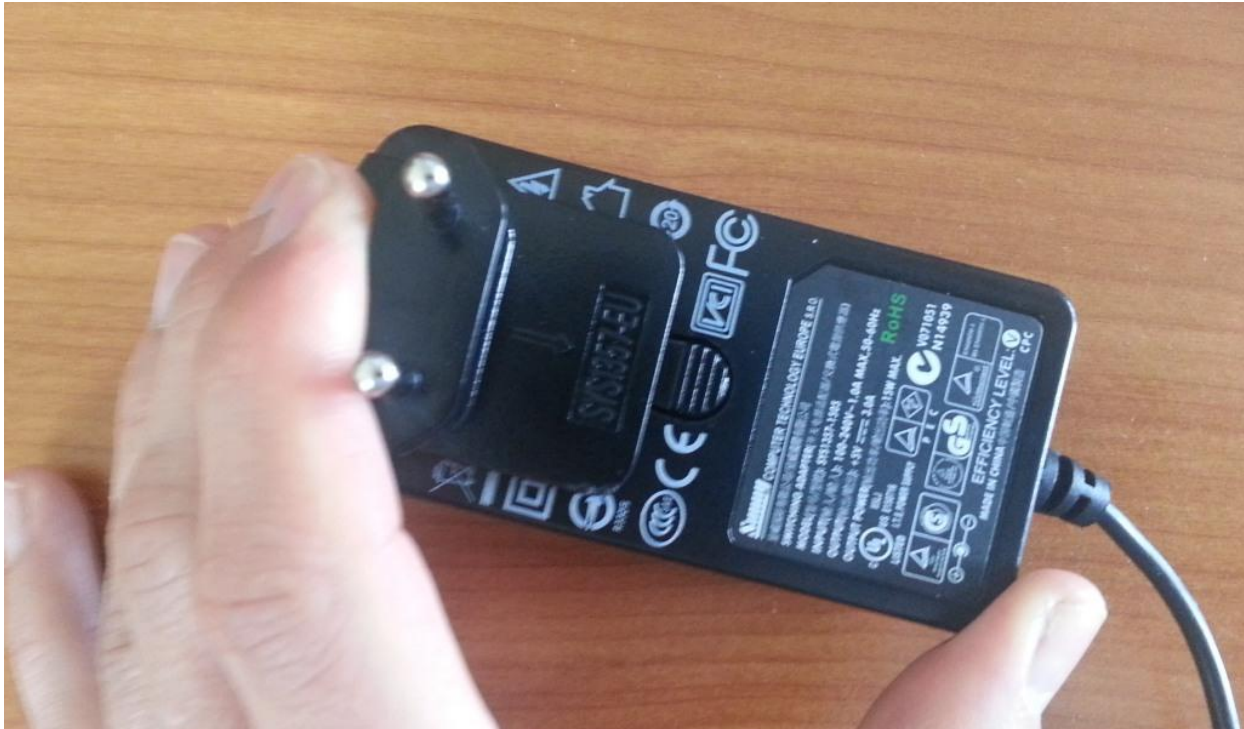
- » 1x SMARC Evaluation Carrier Board
- » 1x PM070WL4 Display
- » 1x KLASJILI30 Adapter + Displaycable KAB-JILI30-TSLD01
- » 1x Power Supply: Dehner SYS1357-1505
- » 1x USB Touch Controller ETP04USBR5
- » 1x Power Adapter
- » 2x Serial Cable Adapter
- » 1x µUSB to USB cable
- » 1x SMARC Mounting Kit
- » 1x 32GB mSATA SSD
- » 1x 8GB µSDHC Card
- » 1x USB stick with documentation

## 2 Getting Started

The starterkit comes already pre-mounted, but a few steps need to be done to have a ready and working system together with your SMARC module (need to be purchased extra).

### 2.1 Mounting Power Supply

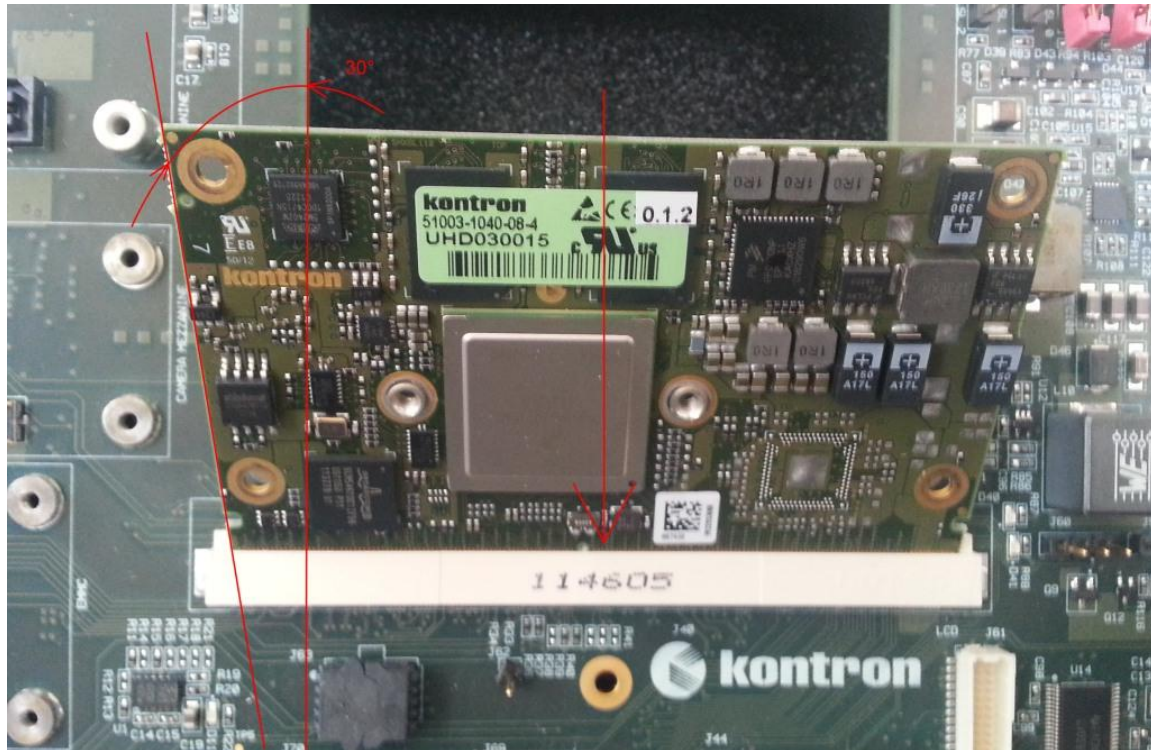
Click the appropriate wall mount adapter for your country into the power supply base device:



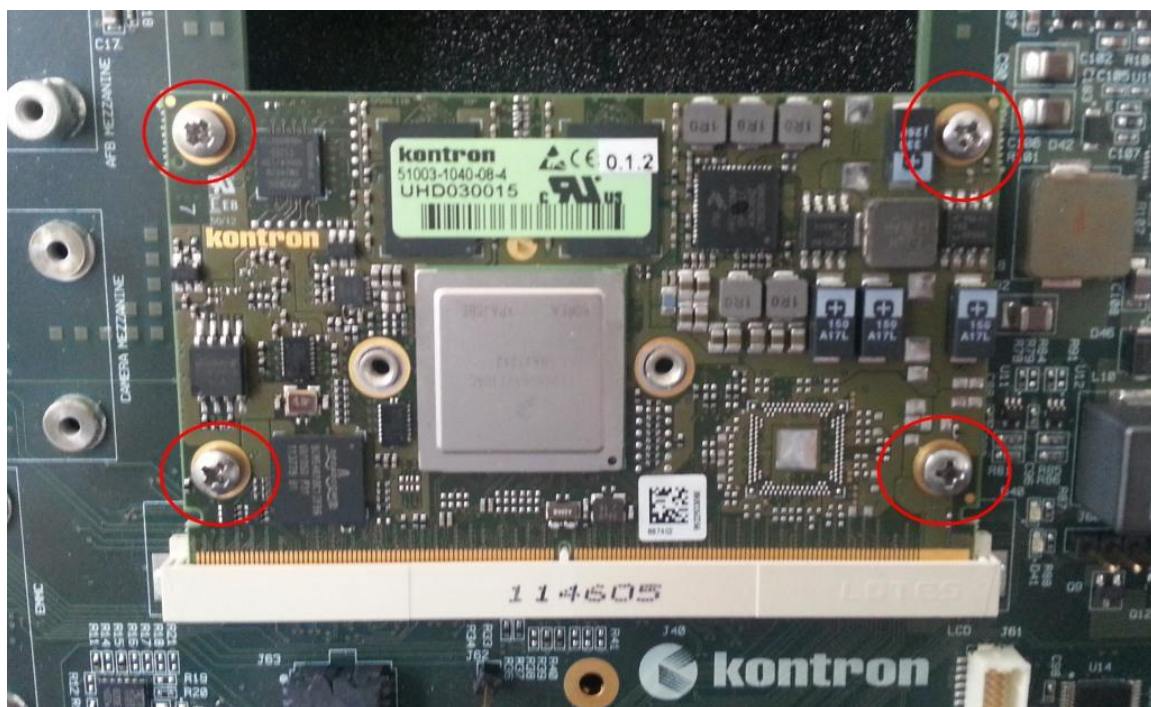


## 2.2 Mounting the SMARC Module

Click the SMARC Module with an angle of 30° into the SMARC carrier connector

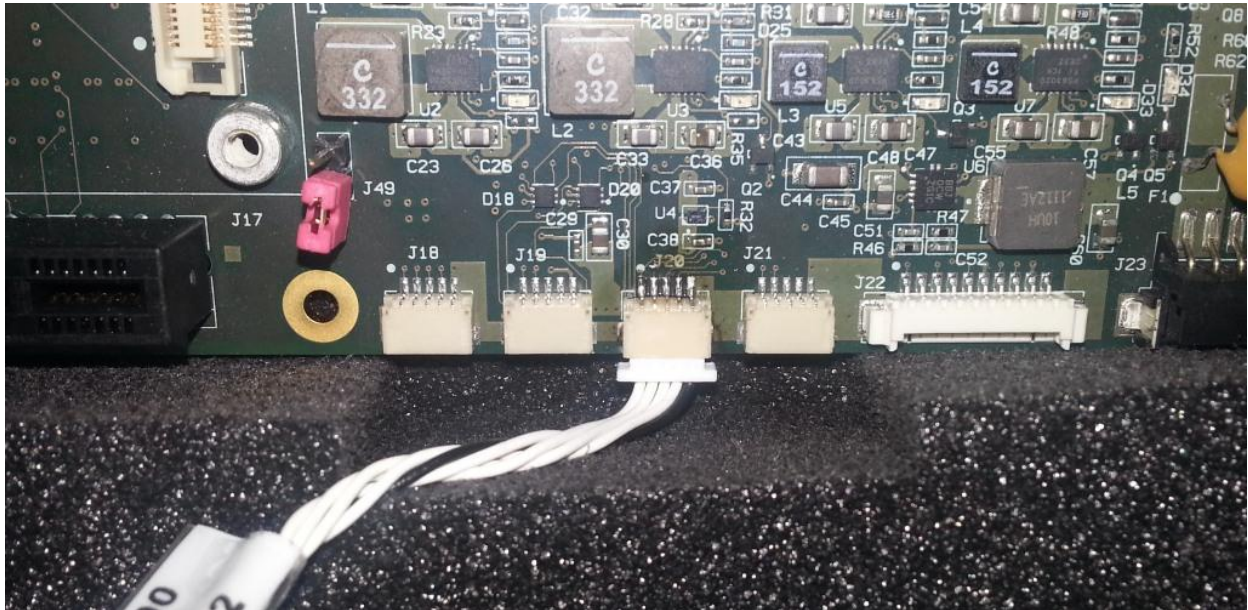


Press down the module and fix it with 4 screws 2.5mm x 4mm on each corner



## 2.3 Connecting Serial Console

Connect the Serial Cable Adapter to the regarding Serial Port for the serial console output. In most cases this is J20 (SER0), but please check your module's user guide.



## 3 Installing Software

### 3.1 Starting Bootloader

You will need a computer connecting via serial console to the starterkit.

As terminal program we recommend [putty](#).

Please use the connection settings that are stated in the modul's user guide.

### 3.2 Download BSP and Demo Image

Please download the BSP and/or demo image from our [customer section](#).

If you haven't registered please feel free to get an account.

### 3.3 Install Demo Image

Please take a look in the downloaded file for INSTALL and README files, which describe the process of installation and usage.

## 4 Appendix: Document Revision History

Document Revision History			
Revision	Date	Edited by	Changes
1.0	12-July-13	UMA	Initial release

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