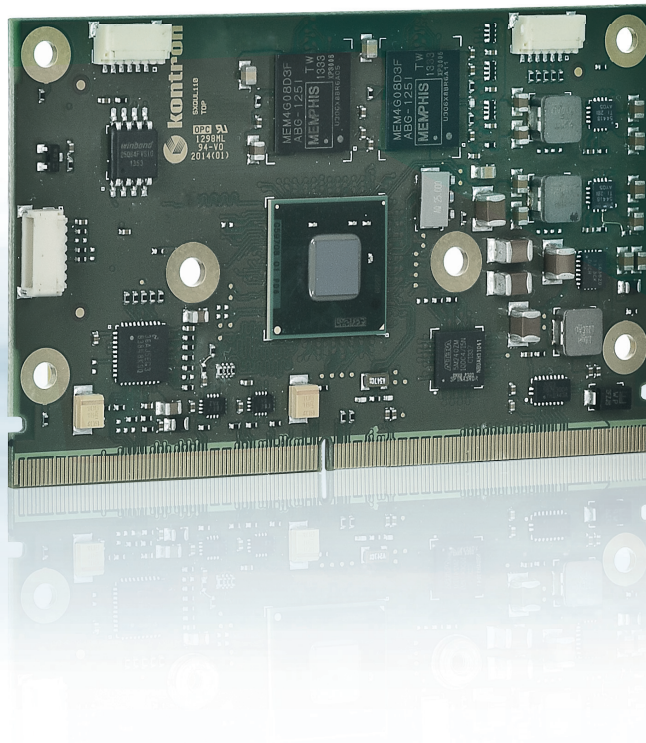


SMARC-sXQU



SMARC MODULE WITH Intel® Quark™ PROCESSOR

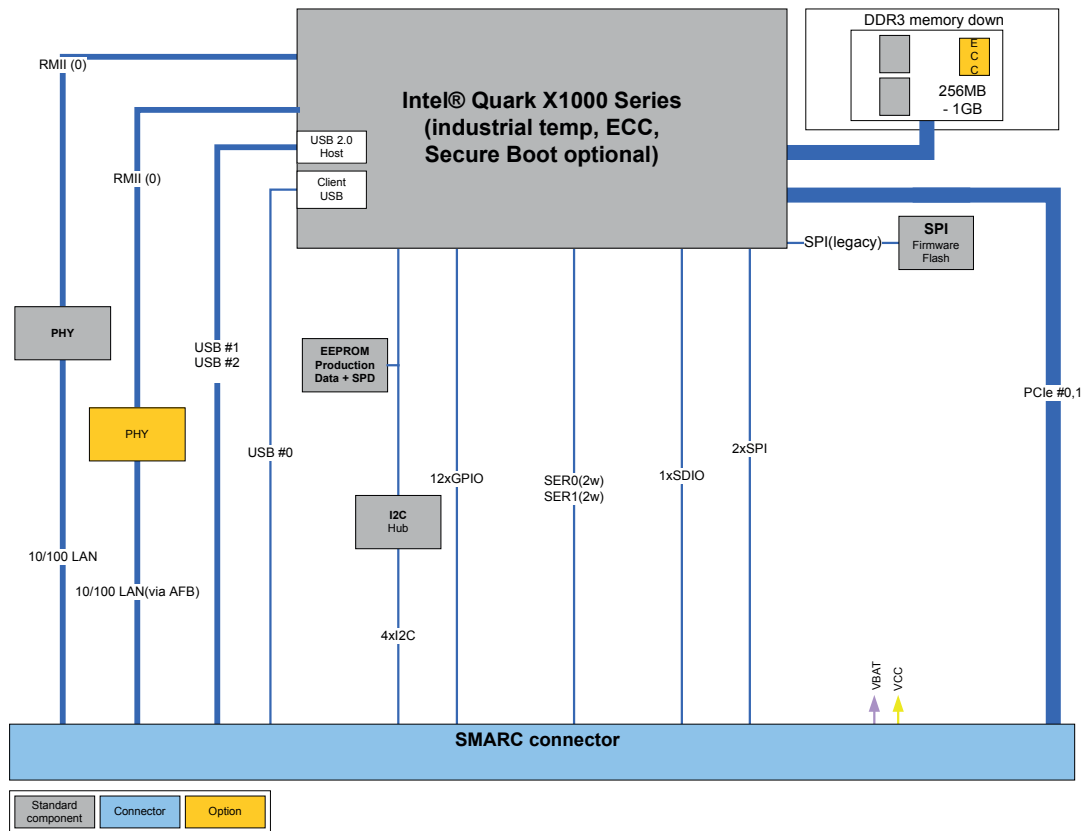
- ▶ Intel® Quark™
- ▶ up to 1GB DDR3L memory down (ECC optional with X1021)
- ▶ 2x PCIe, 2x serial, SDIO
- ▶ 1x LAN (10/100MBit) + 1 LAN (10/100, via AFB signals)
- ▶ industrial grade temperature

POSSIBILITIES START HERE



TECHNICAL INFORMATION

COMPLIANCE	SMARC - Smart Mobile Architecture by SGET - small size
DIMENSIONS (H X W X D)	82mm x 50mm
CPU	Intel® Quark™ X1000, X1010 or X1021
MAIN MEMORY	Up to 1GB DDR3L memory down (ECC optional with X1021 and X1010)
ETHERNET	2x 10/100 MBit Ethernet (1x via AFB signals)
PCI EXPRESS® / PCI SUPPORT	2x PCIe x1
USB	1x USB 2.0 Client 2x USB 2.0 Host
SERIAL	1x RX/TX (Ser0) 1x UART (Ser1)
FEATURES	4x I2C, SPI
OPERATING SYSTEMS	Yocto, Windriver Linux with IDP Stack
POWER SUPPLY	3V - 5.25V Operates directly from single level Lithium Ion cells or fixed 3.3V or 5V power supplies
POWER CONSUMPTION	approx. 2W
TEMPERATURE	0°C to +60°C operating, -40°C to +85°C non-operating -40°C to +85°C operating, -40°C to +85°C non-operating (with X1021 only)
HUMIDITY	93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)



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