



SMARC 2.0 Carrier

Product Name: SMARC 2.0 Carrier
Part Number: SRG004

Connect Tech's SMARC 2.0 carrier is an extremely small SMARC carrier board ideal for your low power IoT and multimedia applications. The carrier has USB 3.0, USB 2.0, 2x MIPI CSI-2 camera interfaces, HDMI outputs, and expansion via 2x miniPCIe Full Sized slot.

Connect Tech's SMARC 2.0 carrier board supports the latest generation Apollo Lake x86 low-powered processors by exposing their next-generation interconnect (USB 3.0, DDI, MIPI-CSI-2) in an extremely small ruggedized footprint.

SMARC 2.0 supports an extended temperature range of -40°C to +85°C and offers a very small footprint; ideal for mobile or stationary applications.



FEATURES

- ✓ *Extremely Small Form Factor*
- ✓ *Feature Packed (HDMI, SATA, 2x MIPI CSI-2 Camera Interfaces)*
- ✓ *2x USB 3.0, 2x USB 2.0, 2x USB 2.0 to miniPCIe*
- ✓ *External SATA/mSATA Switching Circuitry*
- ✓ *Input Voltage +5V DC only*
- ✓ *Extended Temperature Range -40°C to +85°C*

Specifications	
SMARC 2.0 Module Compatibility	All SMARC 2.0 Compliant Modules
Networking	2x RJ-45 GbE
Display Output	2x HDMI Output
USB	2x USB 3.0 2x USB 2.0 (exposed) 2x USB 2.0 to miniPCIe
Storage	1x mSATA (shared with miniPCIe slot)
UART	1x @ 3.3V levels UART-0
I2C	1x I2C ports @ 3.3V I/O
GPIO	8 bits of 3.3V
Video Input	1x MIPI CSI-2 (x2 lane) 1x MIPI CSI-2 (x4 lane)
User Expansion	2x miniPCIe Full Sized slot (1 slot mSATA capable)
LEDs	PWR/RESET LEDs
Input Power	+5V DC Input only (fine pitch, high current)
Dimensions	105.8mm x 82.4mm (4.165" x 3.244")
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Weight	TBD

RoHS

©2017, Connect Tech Inc. All trademarks are property of their respective holder.

Specifications subject to change without notice.

Connect Tech Inc.
42 Arrow Road, Guelph ON Canada
Tel: 519.836.1291 **Fax:** 519.836.4878
Toll: 800.426.8979 (North America)
Email: sales@connecttech.com
www.connecttech.com