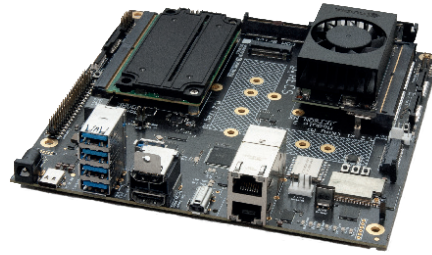


u.RECS

Heterogeneous Dual-Microserver IoT Platform
for SMARC & NVIDIA Jetson NX



BAREBONE

- Compact Mini-ITX chassis
- External 12 V Power Supply
- Mounting options: Desktop, DIN-rail, VESA
- Size: 192 x 210 x 62 mm (DxWxH)

CARRIER

- Support for two embedded microservers
- Can be purchased individually or seamlessly integrated in chassis
- Dimensions: Mini-ITX formfactor, 170 x 170 mm
- Powered by 12 V or USB-C

INTERFACES

SMARC 2.1 Microserver

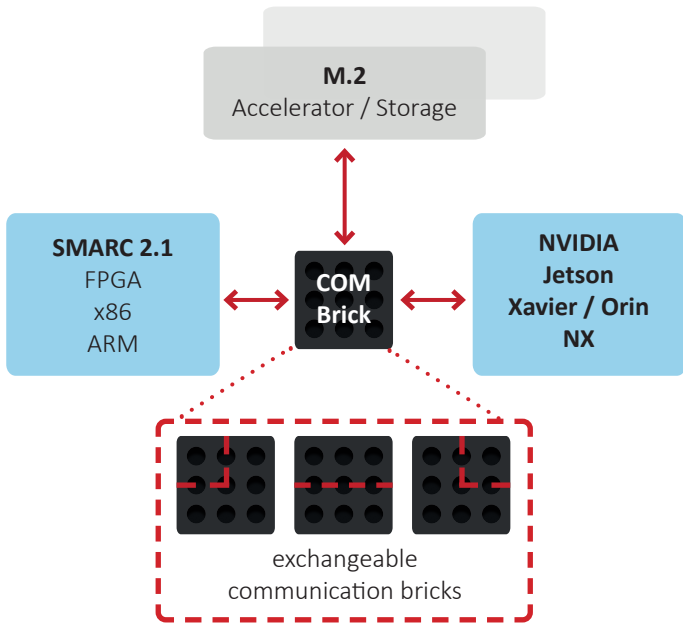
- HDMI
- 1x USB 3, 3x shared USB 3
- 2x CSI-2
- Shared Raspberry-Pi compatible 40-Pin GPIO Header
- Gigabit Ethernet
- 2x shared M.2 M-Key slots via COM-Brick (x4 and x1)



NVIDIA Jetson Xavier / Orin NX Microserver

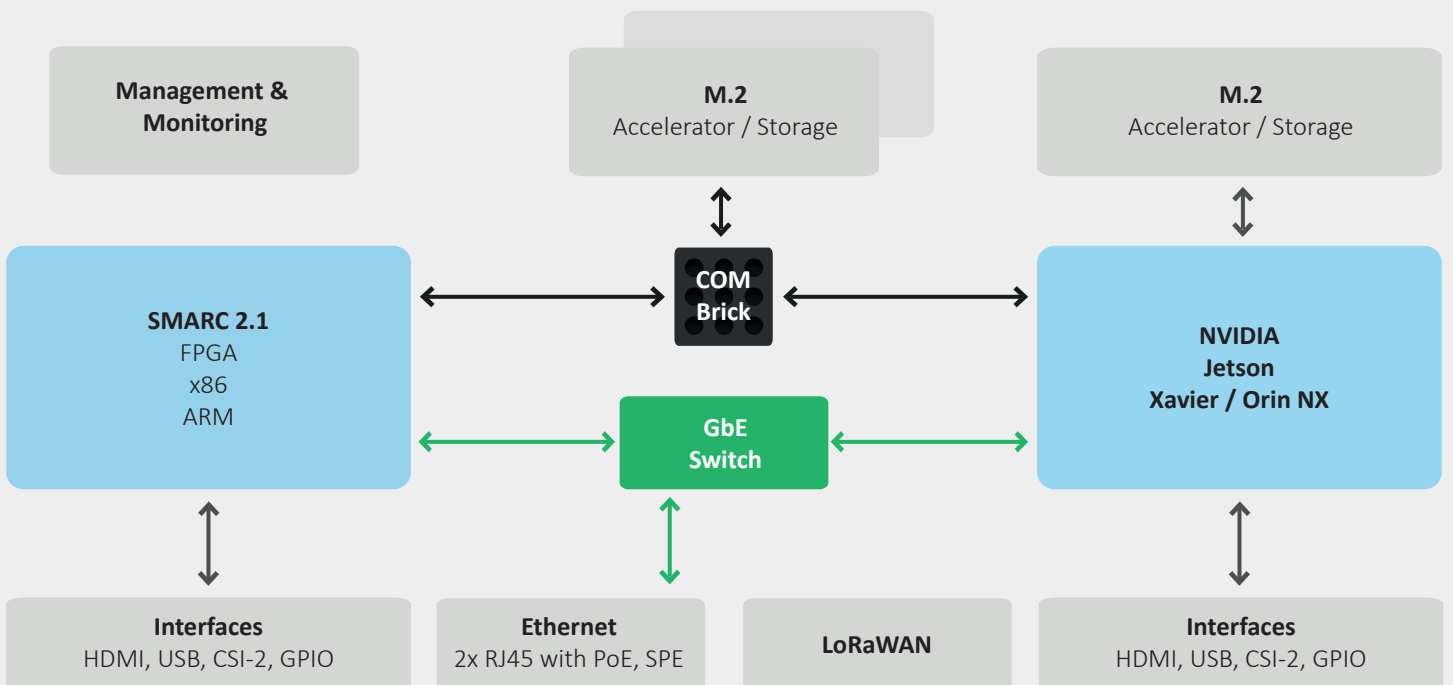
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PLATFORM ARCHITECTURE

- Two supported Computer-On-Module form factors: SMARC and NVIDIA Jetson Xavier / Orin NX
- Configurable PCIe communication via COM Bricks
- Integrated 1G Ethernet Switch: 2x RJ45 Ports and SPE
- Optional PoE injection for Ethernet RJ45 ports
- LoRaWAN client module
- Various interfaces for embedded audio / video processing and flexible sensor / actor integration
- Remote access via Ethernet, WiFi and LoRaWAN
- Webinterface and public REST API for management and power monitoring
- High-speed current readings



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