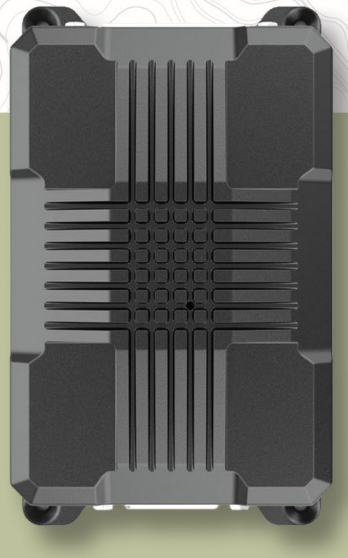
KUTTA®
Technologies for Earth and Air®
A SUBSIDIARY OF SNC®

Small Mission Computer (SMC)

- Low power, ruggedized, versatile computing device
- Can be utilized in a wide variety of mission-critical industrial and military applications
- Designed for integration on uncrewed aerial systems (UAS) and ground-based vehicle specific modules (VSM) to achieve STANAG 4586 compliance
- Unifies the interfaces between the command and control (C2) elements on the ground and in the air to provide a common control interface across all classes and types of uncrewed aircraft
- Supports multiple versions of STANAG 4586 or uncrewed control segment (UCS) messaging
- Supports a variety of UAS autopilots and payloads



- Edge processing
- STANAG 4586 interoperability
- Autonomous vehicle management and control
- Artificial intelligence and machine learning (AI/ML)
- Designed to meet IP-67 and MIL-STD-810 standards

- Advanced autonomy, multi-vehicle control, and swarming
  - GPS-denied operations (e.g., digital terrain and imagery)
  - Payload data (e.g., recording of images and video clips)
  - Autonomous playbook

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FEATURES:

- 1.8GHz Quad-core ARM Cortex-A53
- Real-time 800MHz Cortex-M7 co-processor
- Neon Media Processor Engine (MPE)
- AI/ML NPU 2.3 TOPS
- 2D/3D GPU GC7000UL/ GC520L
- Up to 8GB LPDDR4 memory, up to 128GB eMMC storage
- USB 3.0 available
- Additional Storage: 1 TB standard, options available

J1 = HDF-R44-213L461 (44 PIN CONNECTOR)

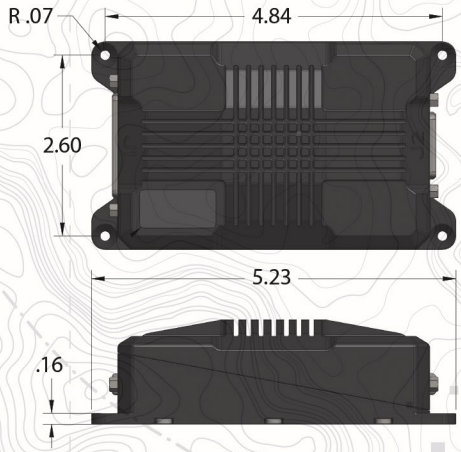
- (2) 1000/100/10 Mbps Ethernet
- USB 2.0 (High Speed)
- GPIO (PWM, CTS, RTS)
- UART (Debug UART)
- Power Input (6 - 36 VDC)
- RS485
- I2C

J2 = HDF-R26-213L461 (26 PIN CONNECTOR)

- (2) USB 2.0 (High Speed)
- UART
- CAN
- SPI
- I2C

PHYSICAL SPECIFICATIONS:

Total Size	**5.2" L x 3.0" W x 1.5" H**
Board Weight	**3.4 oz (0.21 lbs)**
Total Weight	**Alum: 325 grams / Magn: 251 grams**
Temp Range	**-40C to +85C**



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