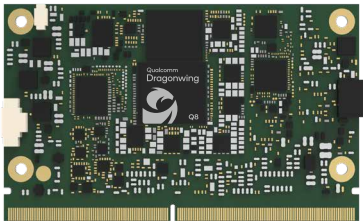


Sysgration Expands
Qualcomm Based
Computer-on-Module
Portfolio — SoM and
SMARC Solutions
Featuring **QCS6490** and
QCS8550 for UAV and
Drone Applications



We’re excited to announce that Sysgration is collaborating with Qualcomm to leverage the next-gen flagship Qualcomm® Dragonwing™ QCS6490 and QCS8550 processor for advanced drone applications.

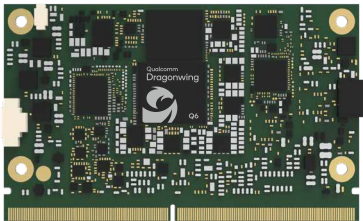
Sysgration's Product Portfolio for UAV/Drone Systems



QCS8550-Powered
SMARC 2.2



QCS8550 SoM



QCS6490-Powered
SMARC 2.2



QCS6490 SoM

Built on a cutting-edge 4nm process, the QCS6490 and QCS8550 integrates Android and Linux support, delivering exceptional computing power tailored for drones. It features advanced AI enhancements, powerful imaging and video capabilities, and evolved graphics performance-making it an ideal solution for drones that demand high processing performance, real-time image analysis, and superior graphics rendering.

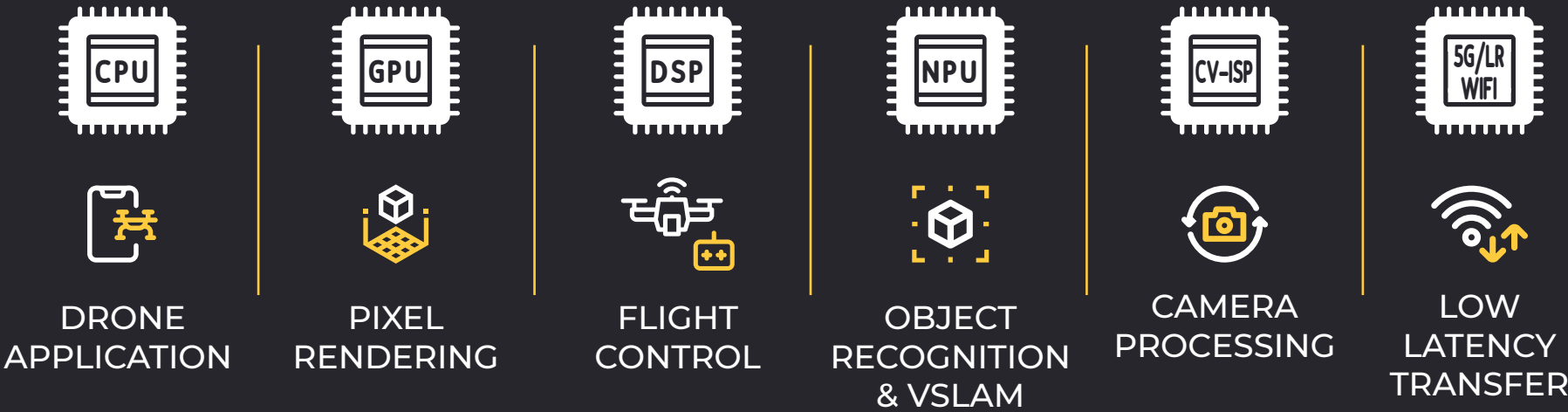
This partnership aims to push the boundaries of unmanned vehicle technology with fast, reliable, and intelligent solutions.

Low Cost BOM / High-efficiency Software / Small Size Hardware

Mission



Service



Using a **Computer-on-Module (CoM)** can greatly simplify and accelerate the development process. Because the complex hardware components—such as processing, memory, and basic I/O—are already integrated into the module, engineers can focus on designing the application-specific carrier board without getting bogged down in foundational hardware design. This modular approach enables rapid prototyping on standard evaluation platforms and makes it easy to transition to a custom carrier board with minimal changes. With essential system functions already managed by the CoM, development timelines can be significantly reduced, helping teams bring products to market faster. Additionally, many CoMs come with preloaded operating system images and driver support, allowing software development to begin immediately and proceed in parallel with hardware development, further minimizing time and cost.