

# THE NEW CORE FOR AUTONOMOUS INNOVATION

Qualcomm  
Dragonwing  
Q-8750



**77** DENSE  
TOPS OF  
ON-DEVICE AI

AUTONOMOUS  
NAVIGATION &  
REAL-TIME  
ANALYTICS

CONNECTS UP  
TO **12**  
PHYSICAL  
CAMERAS

FLEXIBLE  
EXPANSION &  
LOW-POWER  
TRACKING

## Empower Airborne Systems with 77 TOPS of On-Device AI & Multi-Camera Awareness

As tactical UAVs demand greater autonomy, standard processors fall short. Sysgration is answering the call with high-performance System-on-Module (SoM) and SMARC solutions powered by the groundbreaking Qualcomm Dragonwing™ Q-8750 processor.

## Why the Dragonwing Q-8750 is a Game-Changer for Drones

The industrial-grade Q-8750 shifts drone operations from basic remote control to complete local intelligence. Four core advantages include:

- ▶ **77 Dense TOPS of On-Device AI:** Low-latency local execution for real-time object detection and threat assessment without cloud dependence.
- ▶ **Autonomous Navigation:** Powered by a custom Qualcomm Oryon™ CPU (up to 4.32 GHz) to effortlessly handle complex sensor fusion and flight pathways.
- ▶ **360 degree Multi-Camera Intelligence:** Supports up to 12 physical cameras for complete situational awareness, depth mapping, and synchronized recording.
- ▶ **Built for Harsh Environments:** Features a ruggedized operational temperature range for reliable outdoor deployment.

## Accelerate Your Time-to-Market with Sysgration

Sysgration eliminates hardware design complexity by packaging this powerhouse chip into standard SoM and SMARC form factors.

Our upcoming modules deliver deployment-ready Linux Yocto or Android 15+ operating systems straight to your R&D pipeline —allowing you to bypass low-level hardware development and focus entirely on your proprietary flight software.

## Ready to redefine what your UAVs can achieve?

Partner with Sysgration to integrate the Qualcomm Dragonwing Q-8750 into your next development cycle.