1. NXP HOVER DRONE KIT

Technical and Functional Specifications	
General Features	This is a professional development kit and detailed assembly is required
Size	Carbon fiber mechanical frame approx. 500mm diagonal size
	150mm x 150mm large top and bottom plate for mounting electronics
	Dual 10mm diameter rod x 60mm rail mounting system
Support and Software	Supports expansion using a Linux companion computer for Vision, ROS, Artificial Intelligence
	Supports connection to Rapid IoT with add-on adapter board
Analog	
CAN Transceiver and Controllers	TJA1042 : High-speed CAN transceiver with standby mode
	TJA1100HN : IEEE 100BASE-T1 compliant Automotive Ethernet PHY Transceiver
Voltage Level Translators	NTB0104 : Dual supply translating transceiver; auto direction sensing; 3-state
Sensors	FXOS8700CQ : Digital Motion Sensor - 3D Accelerometer (±2g/±4g/±8g) + 3D Magnetometer
	MPL3115A2 : 20 to 110 kPa, Absolute Digital Pressure Sensor
Processors and Microcontrollers - K6x Ethernet	K66_180 : Kinetis® K66-180 MHz, Dual High-Speed & Full-speed USBs, 2MB Flash Microcontrollers (MCUs) based on Arm®Cortex®-M4 Core
Identification and Security - Authentication	A71CH : Plug and Trust - The fast, easy way to deploy secure IoT connections
	A1006 : Secure Authenticator IC - Embedded Security Platform