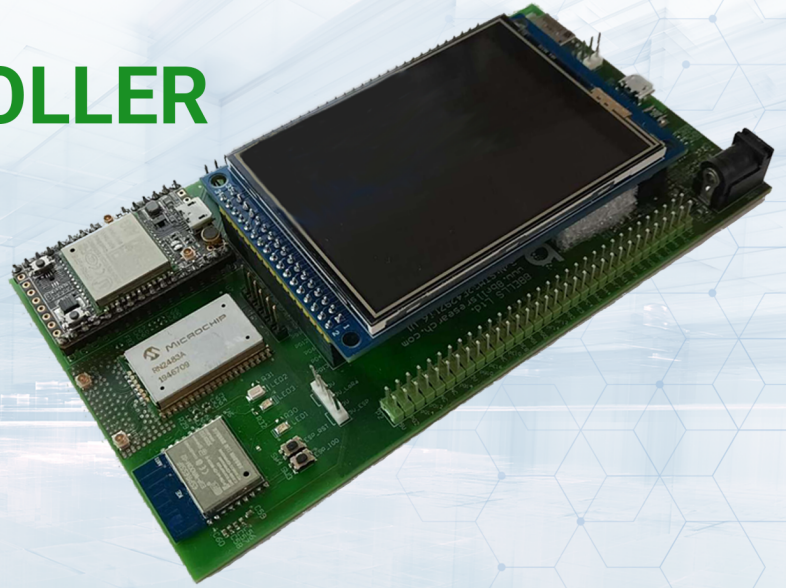


8B EDGE CONTROLLER



Fully customizable configuration upon request

The 8B Edge Controller consists of a single core 32-bit ARM® Cortex®-M4, a dual core 32-bit Xtensa®, 1-Mbyte Flash memory and 192-KByte RAM. The platform is programmable via USB, it has a MicroSD storage slot for up to 64GB cards and can transmit data via Bluetooth and WiFi.

SPECIFICATIONS

CPU	32-bit ARM® Cortex® -M4, Dual core 32-bit Xtensa®
Memory	1-Mbyte Flash memory / 32Mbyte SDRAM
Storage	MicroSD storage up to 64Gb
Connectivity	Wi-Fi, Bluetooth, LoRa, 4G, GPS, Glonass, Galileo
UPHY	USB 2.0
Video	LCD display
Power Consumption	Multiple Low Power modes / will work with batteries or solar panels
I/O	Multiple Low Power modes / will work with batteries or solar panels

INDICATIVE APPLICATIONS

- Drones (Gimbal & ESC Control)
- Security & Surveillance
- Real-time sensor control
- Robotics

CAPABILITIES



Higher
efficiency



Smaller form
factor



Less cooling
complexity



Extended
range



Reduced battery
consumptions



8B EDGE CONTROLLER has received funding from the H2020 - DRYADS PROJECT under grant agreement No. 101036926.



EIGHT BELLS
Independent Research & Consultancy

A 23 Agias Paraskevis | Strovolos Nicosia, 2002 | Cyprus
T +357 22550056 | E sales@8bellsresearch.com

Copyright © 2022 - EIGHT BELLS Ltd - All rights reserved. www.8bellsresearch.com

*Important Notice: EIGHT BELLS LTD reserves the right to change specification to reflect latest changes in technology and improvements at any time without notice. Export is subject to EU and Member States regulations.