

# NEURIO HOME ENERGY CONTROLLER OVERVIEW

The Neuroio Home Energy Controller (HEC) allows smart energy devices to connect seamlessly to the Neuroio Cloud or other Cloud services for seamless monitoring and control. It is directly compatible with most inverters, meters, batteries and other smart home devices. The Neuroio HEC is easily installed inside the home or outside with a NEMA enclosure.

SPECIFICATIONS (PRELIMINARY)	
Processor:	2x 1GHz Cortex A7 with FPU
Memory:	1GB DDR3
Storage:	8GB eMMC
Software Support:	Custom Linux Built with Yocto, Python, AWS GreenGrass
Wired Interfaces:	2x RS-485 (2 wire), 2x Ethernet 1Gbps, 1x USBA
WiFi:	802.11n, 2.4/5GHz
Cellular (Failover from WiFi):	Global LTE CAT M1/NB1 Bands 2, 3, 4, 5, 8, 12, 13, 20, 28
Temperature Range:	-20 to 70°C
Power Source:	AC input, universal voltage support
Certifications:	FCC/IC Radio Certification, UL/CSA Safety Certification
Warranty:	5 years (optional 10 year warranty available)
Dimensions:	3.6" (91mm) x 1.1" (28mm) x 4.2" (106mm)

