

CREST X Evo

Sensored Brushless ESC



Designed for 1/10 Racing

—adding Evo-Power and Evo-Precision

The CREST X EVO sets a new standard for the race winning CAYOTE CREST X line of ESC products. The CREST X was initially designed for professional racing competition, and adding all our worldwide racing experience feedback from our high performance top driver team, the CREST X EVO is the new ultimate tool for boosting your track performance.



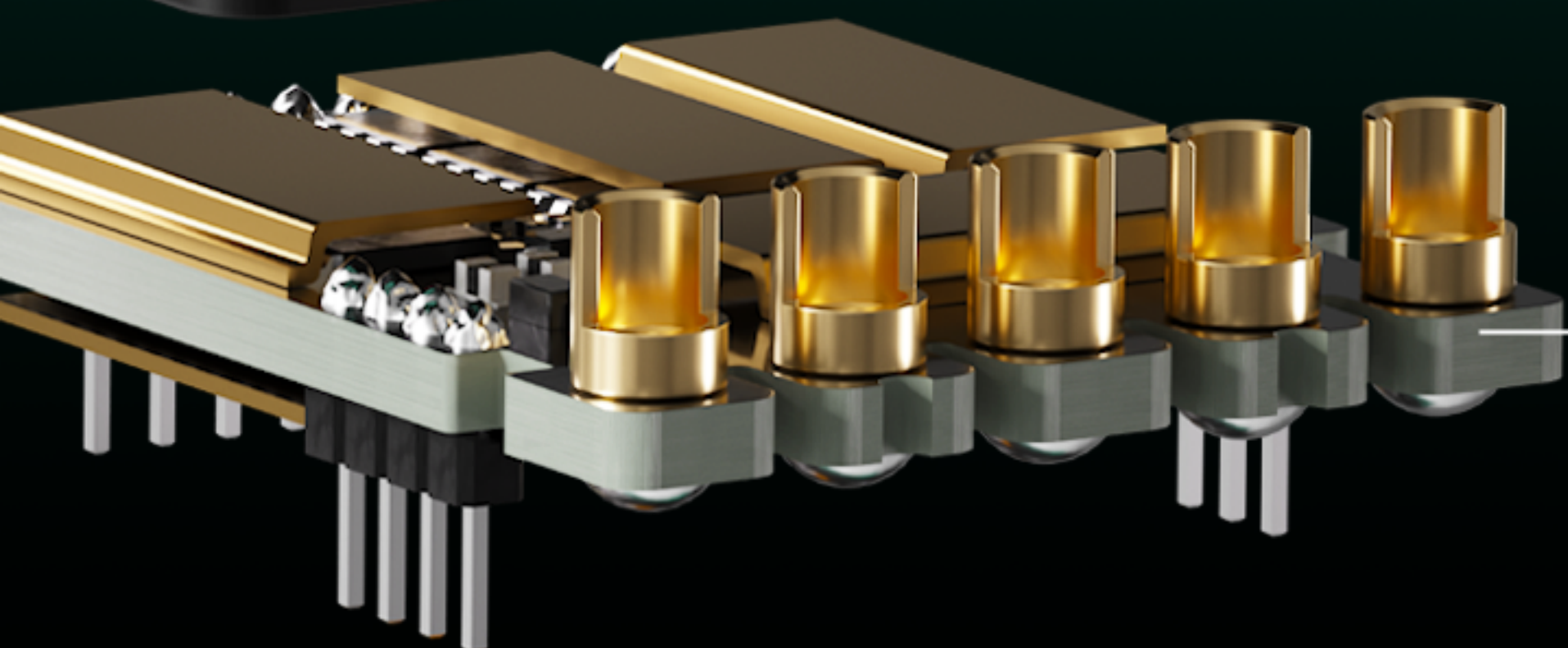
Updated new power modules with enhanced APP controlled data logging systems, while integrating redesigned and upgraded control boards, our newest levels of exceptional power and brake control were reached.



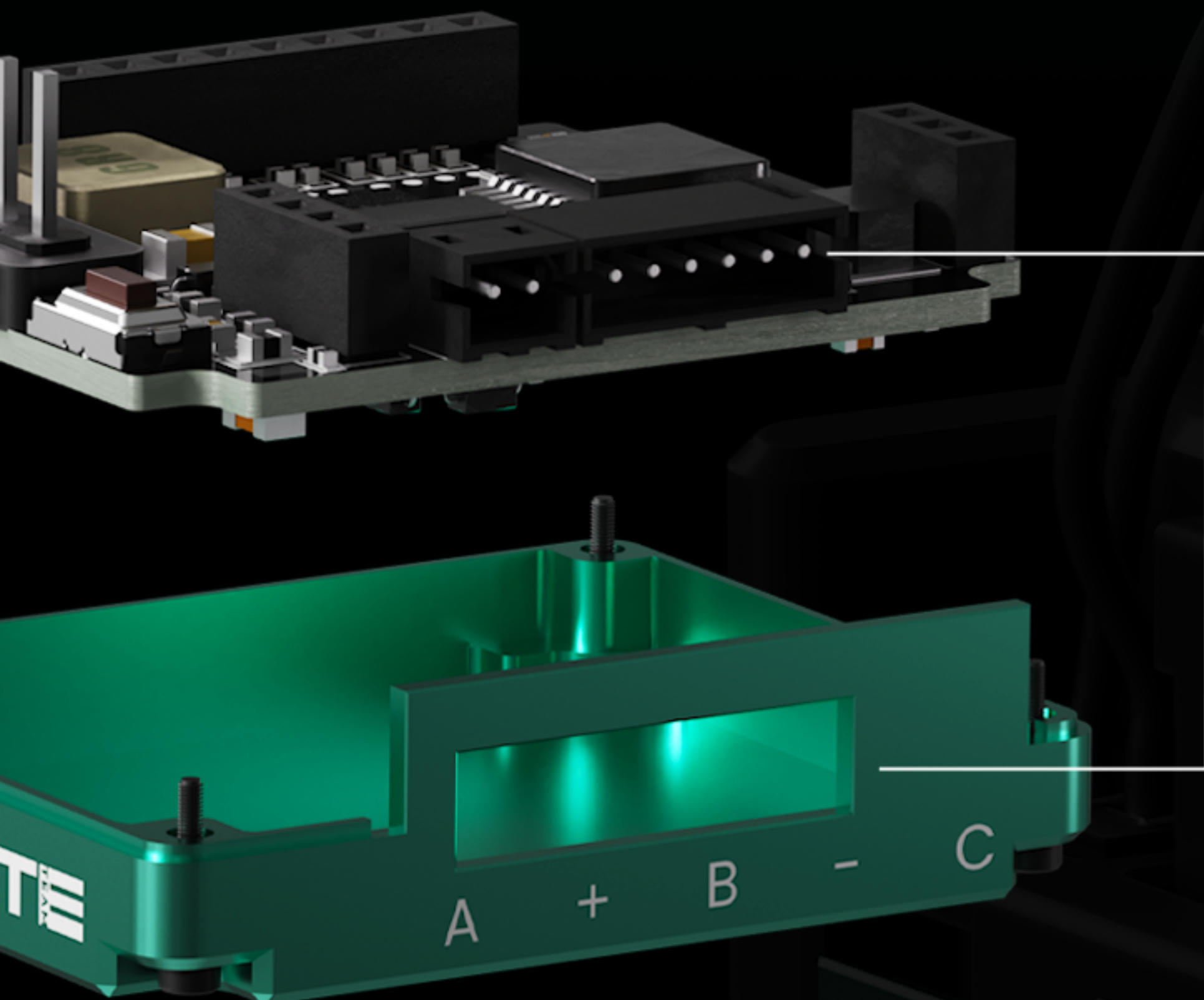
Precision in Details, Power in Action



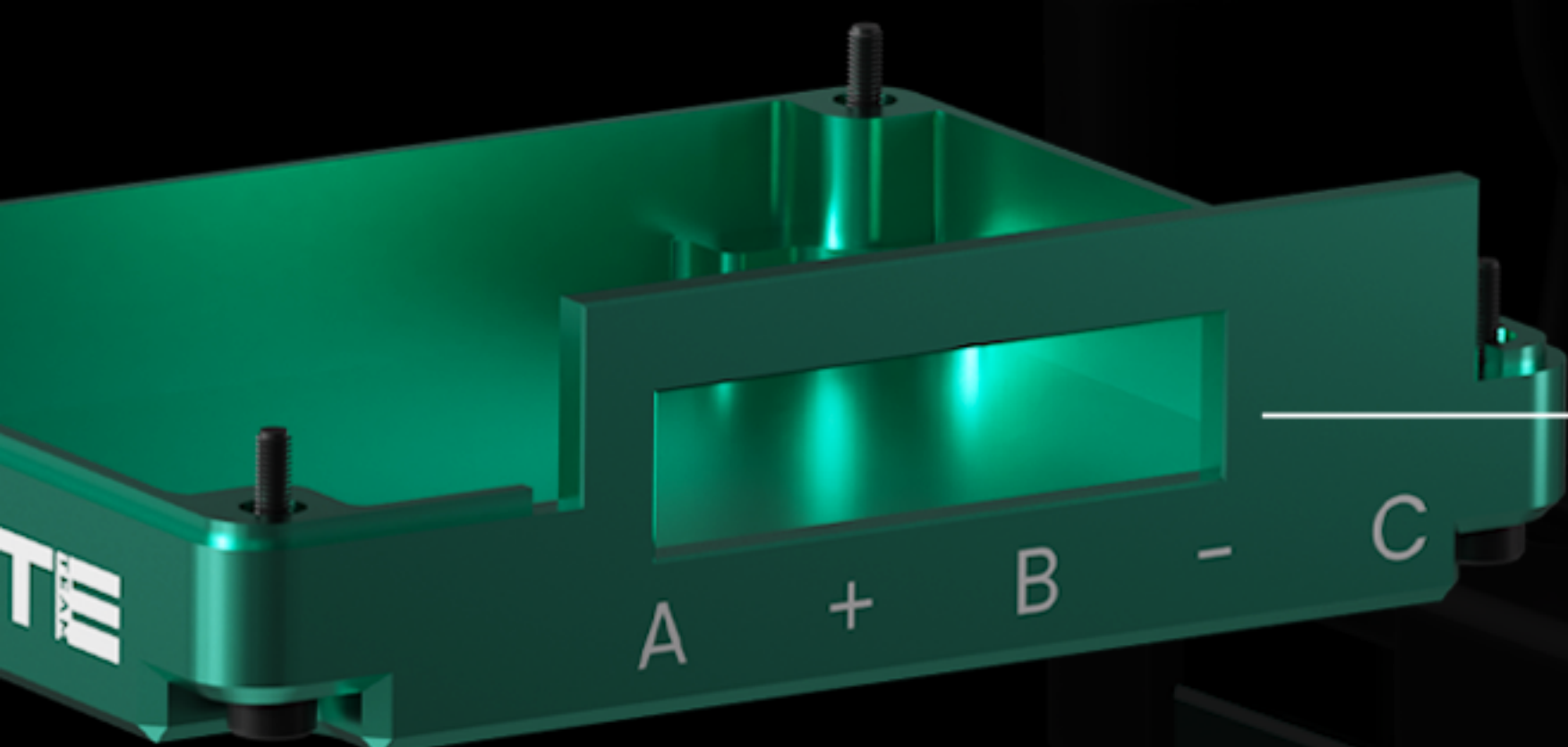
The metal-framed fan with four vents ensures optimal airflow.



Features advanced reverse polarity protection to prevent damage from incorrect power connections.

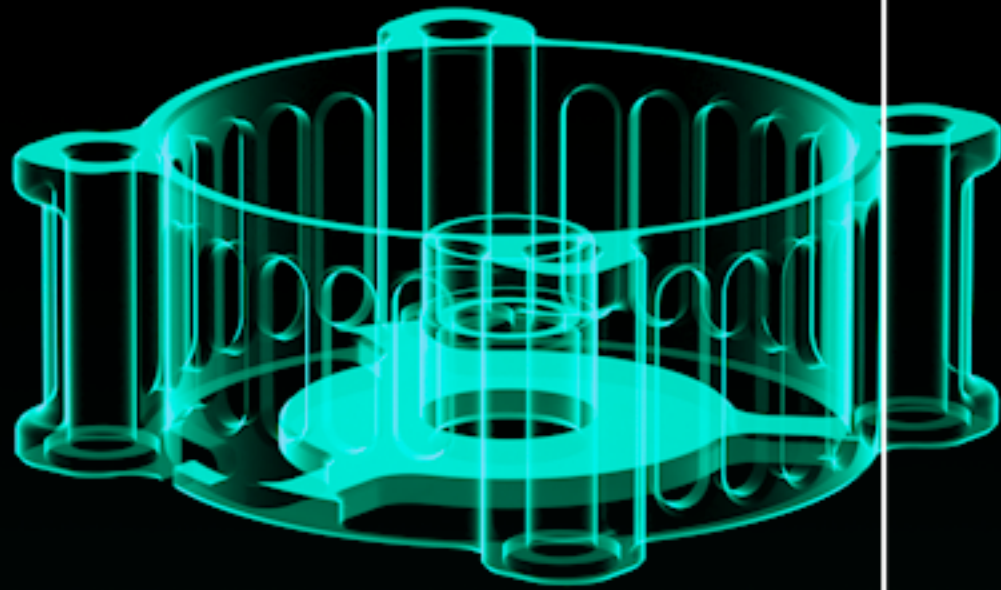
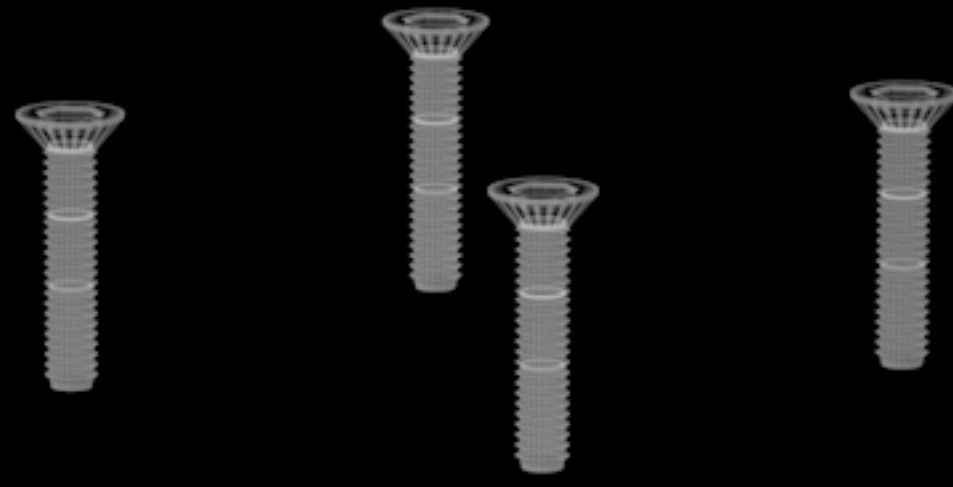


Includes an external switch interface for easy wiring and customizable layouts.



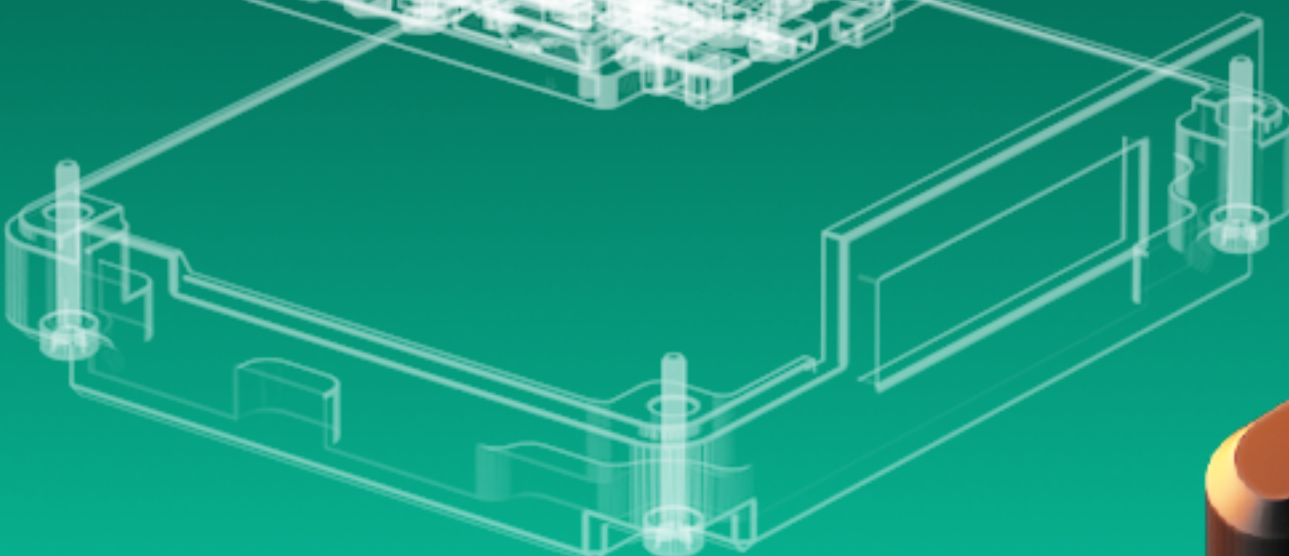
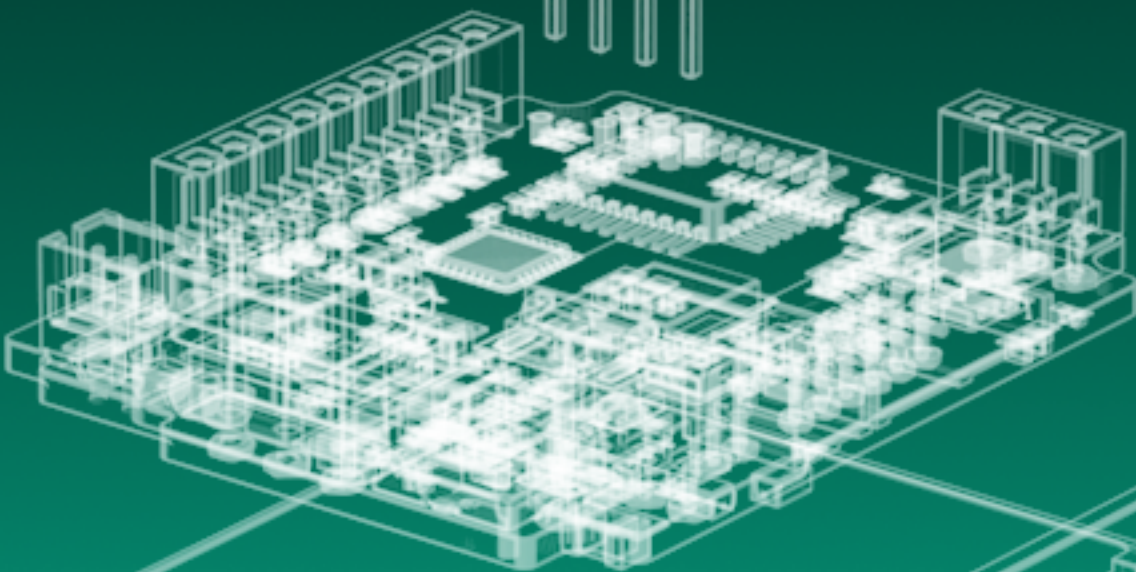
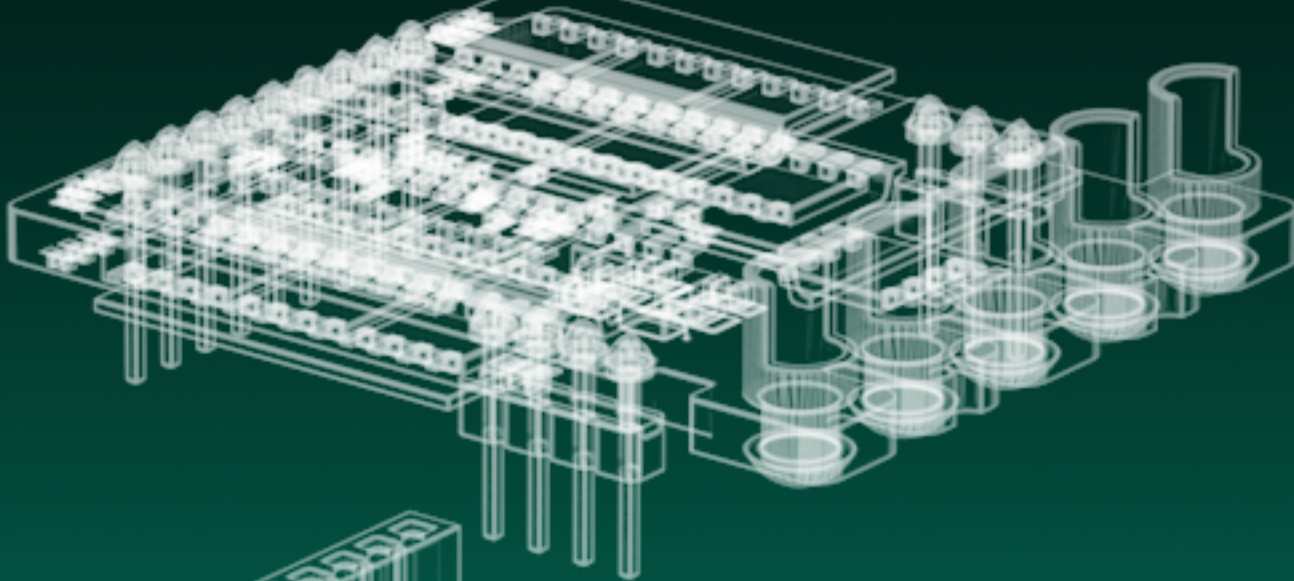
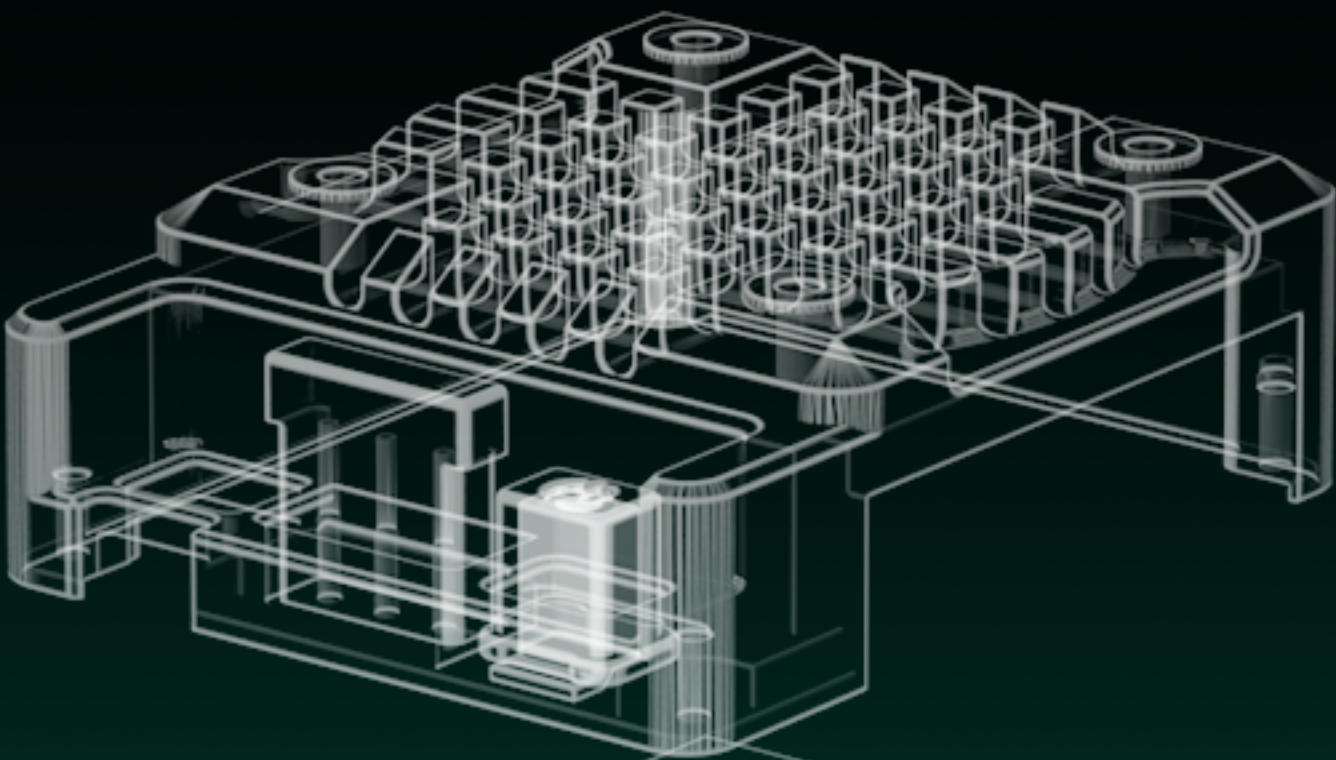
CREST X Evo

Highly Reliable Cooling System



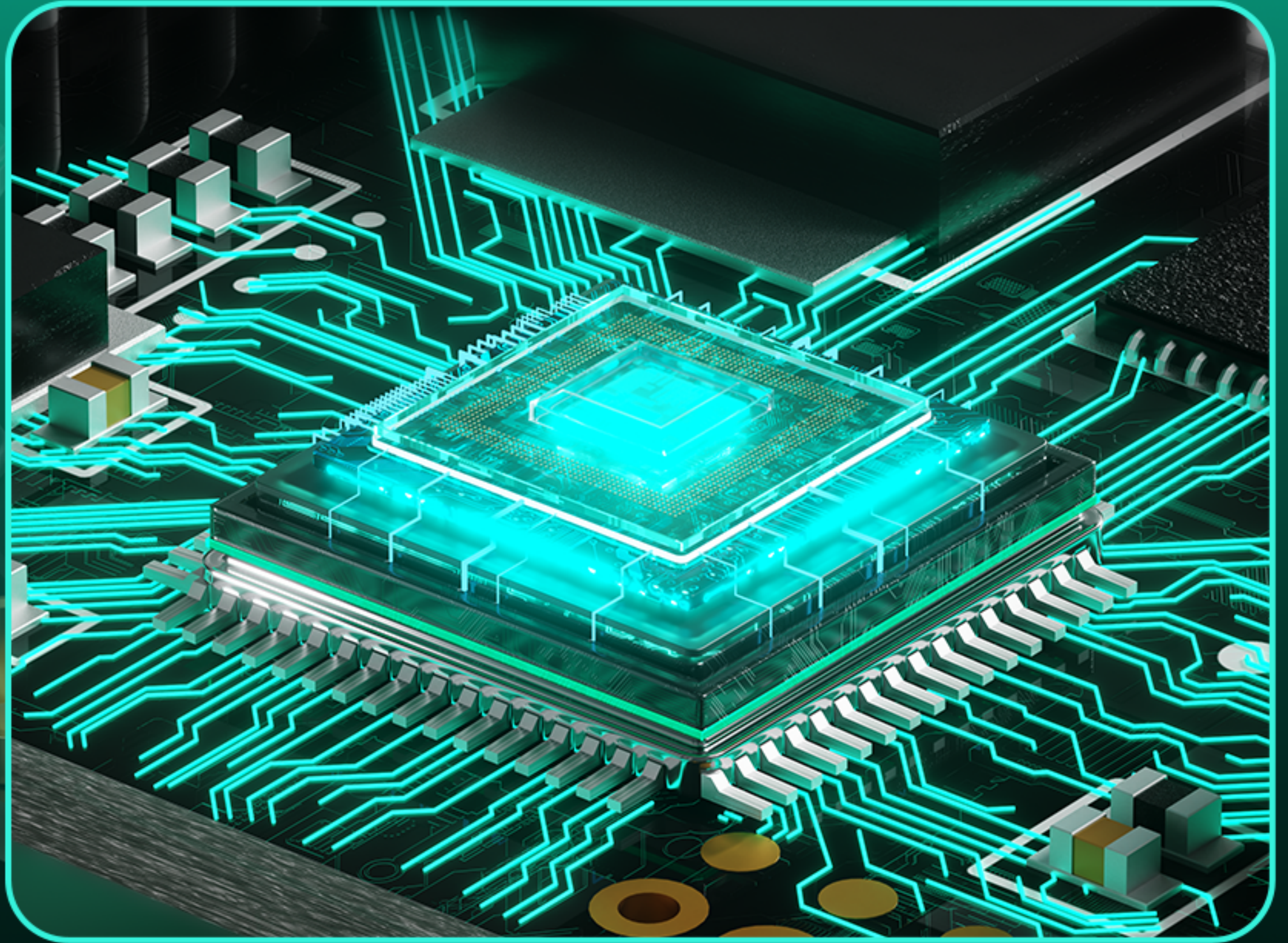
Featuring a metal-framed fan with a four-vent design for optimal airflow, it efficiently expels fine particles to keep the system clean and unobstructed.

The high-speed fan combined with large air volume ensures stable and effective cooling, maintaining optimal CREST X Evo performance at all times.



Exceptional Performance and Processor Computing Power

*The CREST X EVO is equipped with a high-performance ARM architecture, featuring a **32-bit Cortex-M4** core processor with a clock speed of up to **108MHz**.*



Compared to the CREST X, the EVO can therefore achieve a **5** times higher computing power, enabling faster processing of complex calculations and therefore increasing acceleration and braking

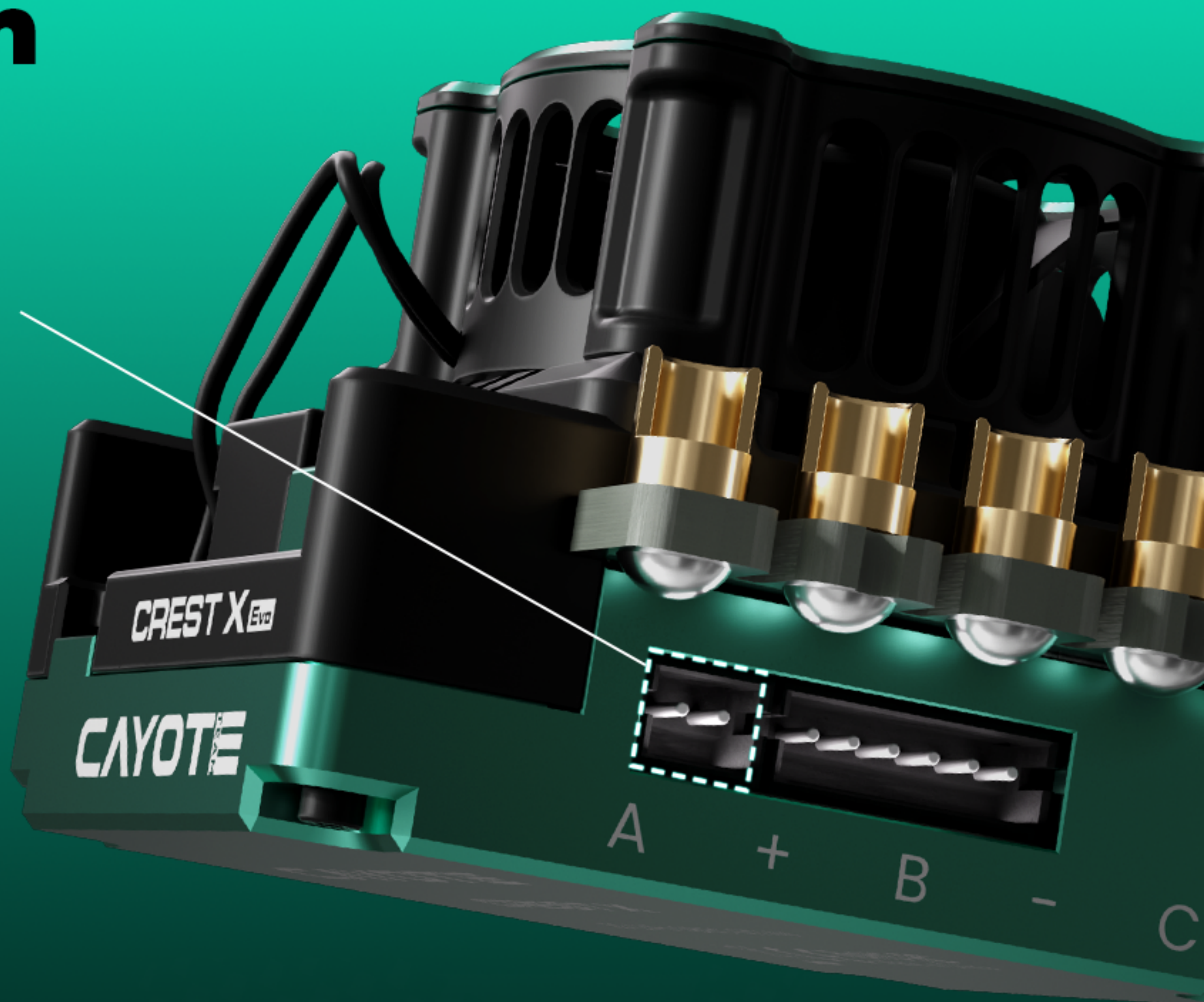
This significant performance boost ensures stronger ability for high-speed response and multi-task controls, as well provides enhanced reliability and precision in high demand power applications.



CREST X Evo External Switch Interface Design

The CREST X Evo features a dedicated external switch interface, allowing drivers to easily wire and customize the switch layout.

Whether you prefer a simple control setup or require more complex configurations, CREST X Evo offers the flexibility to meet your needs.



This design ensures seamless integration with other components, enhancing both the overall user experience and system organization.



Multiple Protection Features

The CREST X EVO is equipped with multiple reliability and protection features, ensuring safe and stable performance.



**Fail-Safe
Protection**



**Over-temperature
Protection**



**Low Voltage
Protection**



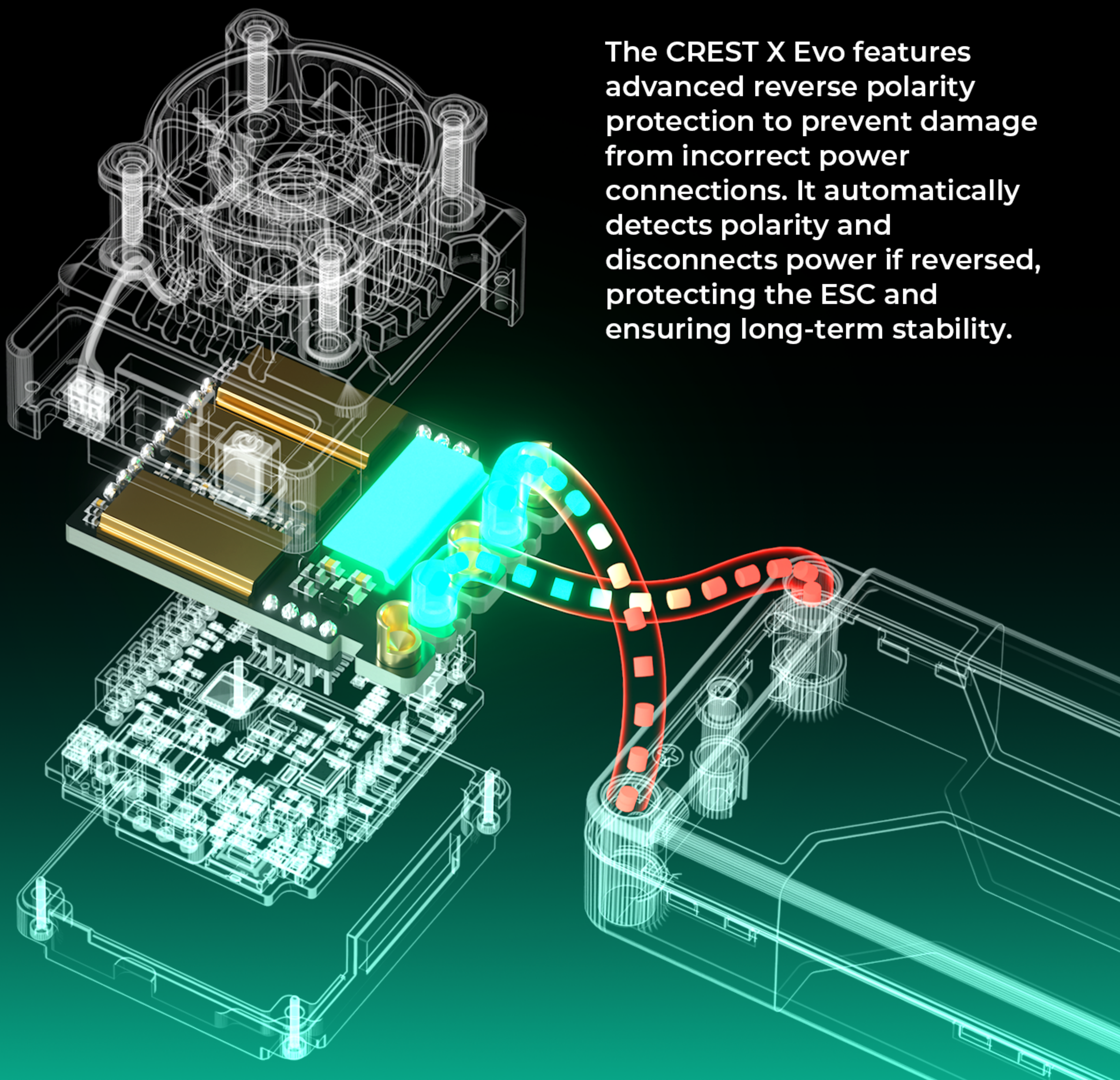
**Stall
Protection**



Together, these features provide comprehensive safety and ensure optimal performance under various conditions.

Reverse Polarity Protection

The CREST X Evo features advanced reverse polarity protection to prevent damage from incorrect power connections. It automatically detects polarity and disconnects power if reversed, protecting the ESC and ensuring long-term stability.

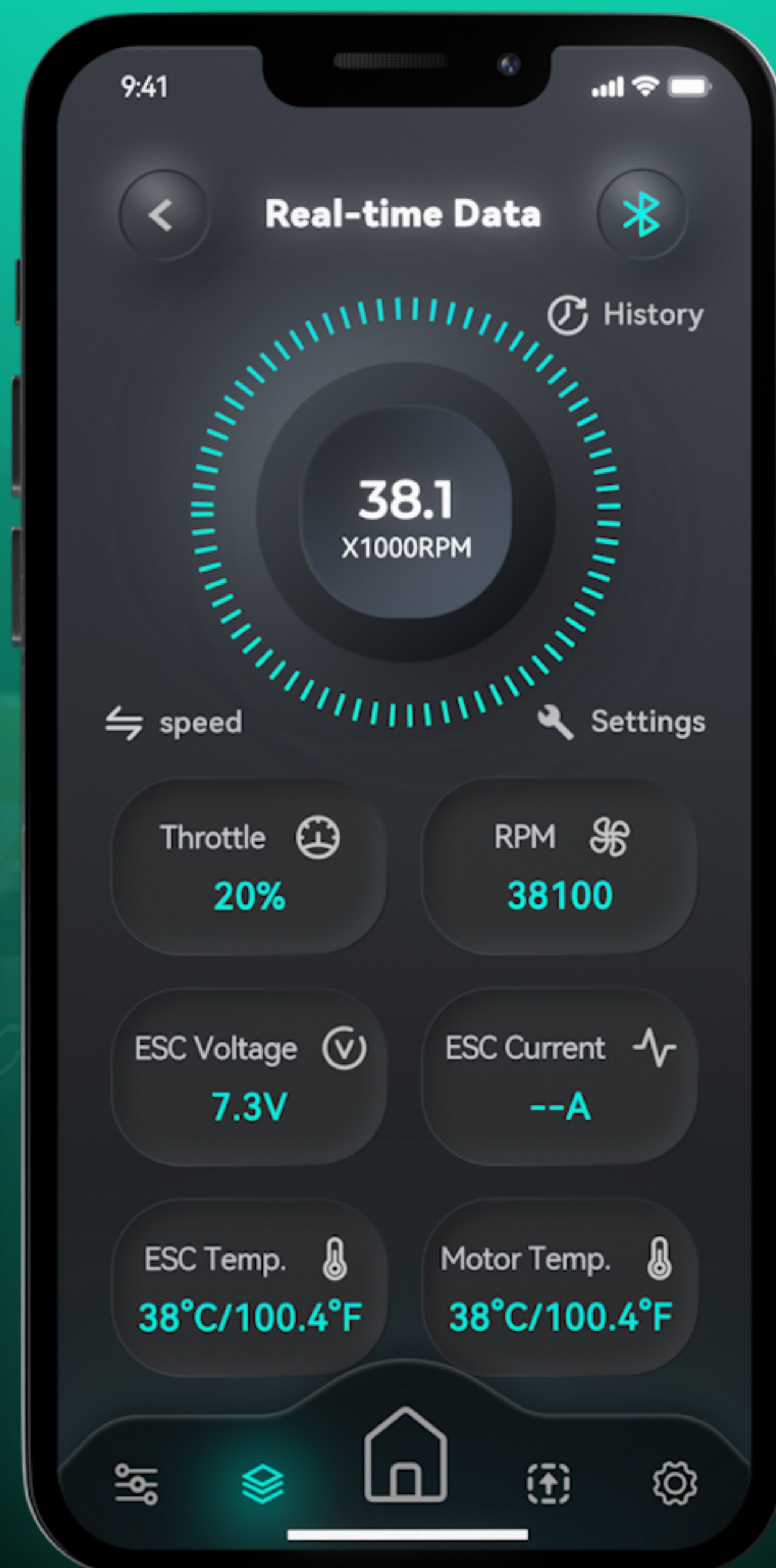


(Note: Reverse polarity may damage the external capacitor pack.)

Unlock Wireless Control with the BTUNE

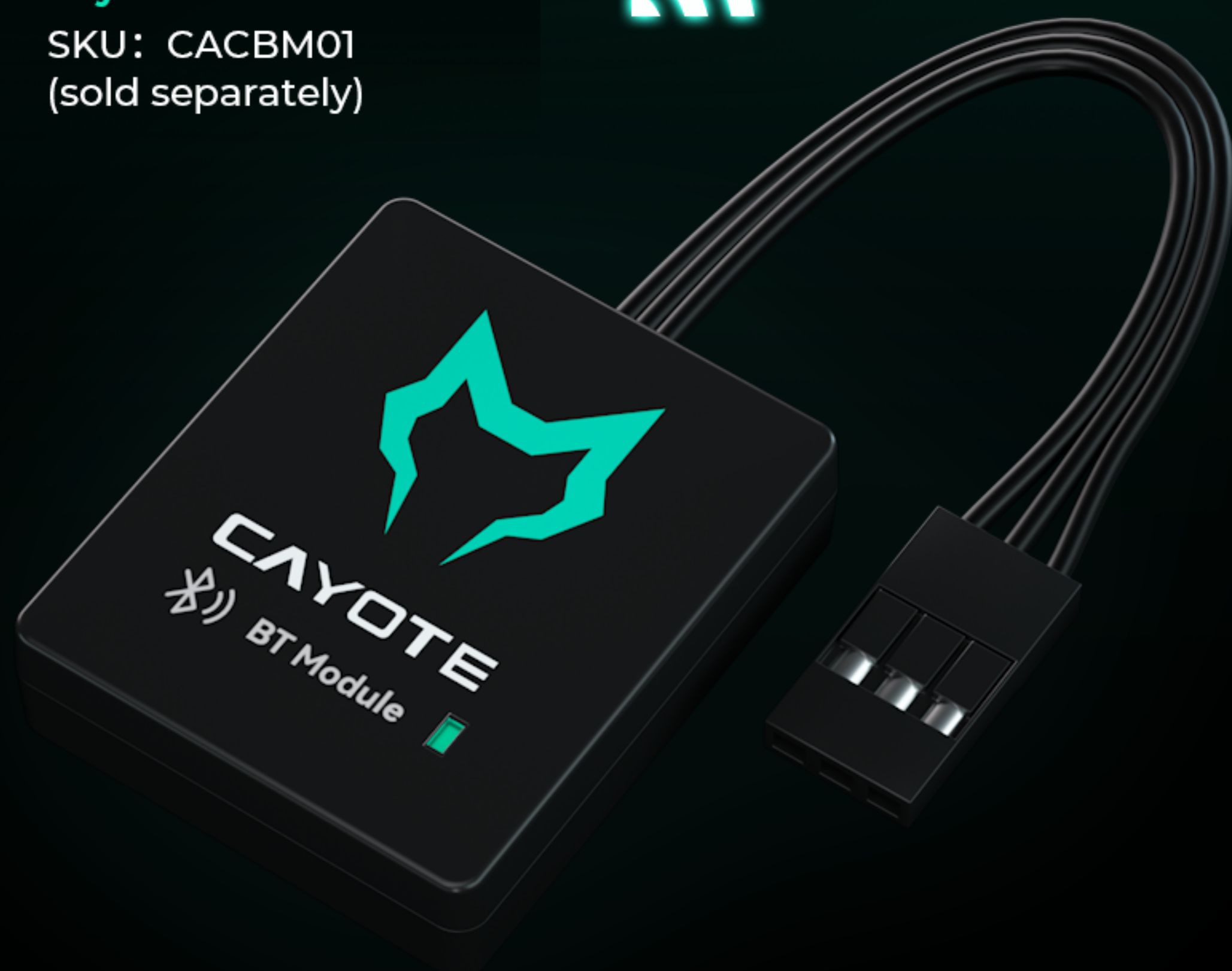
Once the CREST X Evo is connected to the BTUNE module, a wireless connection can be established between your mobile device and the ESC.

This allows for easy parameter adjustment, data reading, and firmware updates via the mobile app—convenient and user-friendly.



(Team Cayote APP)

* **Cayote BTune Module**
SKU: CACBM01
(sold separately)



*"BTUNE is BQB certified for Bluetooth compliance.

Leading the Speed Revolution



With up to 64 degrees of Boost and Turbo timing, the all new EVO delivers instant acceleration, making every launch lightning-fast and providing unmatched power support.

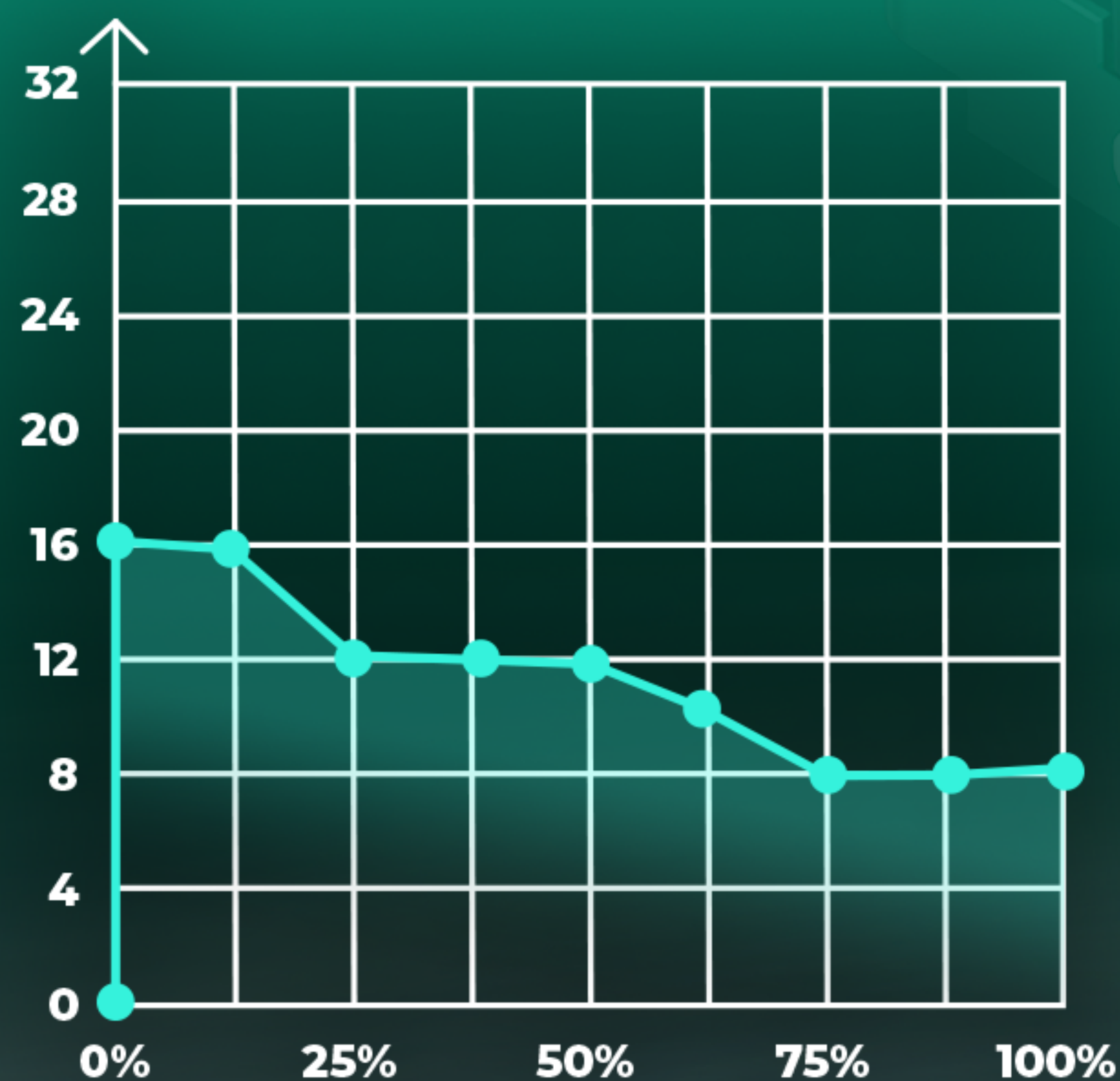
Compared to the previous CREST X model, the EVO features superior processing speed, finer control, and enhanced burst performance.

Under the same parameters, burst power is increased by **10%** while launch acceleration and brake control is improved up to **15%**



Improved Throttle and Brake PWM Frequency Adjustment precision

The Crest X EVO offers a highly APP customizable experience with its adjustable PWM frequency for both throttle and brake.

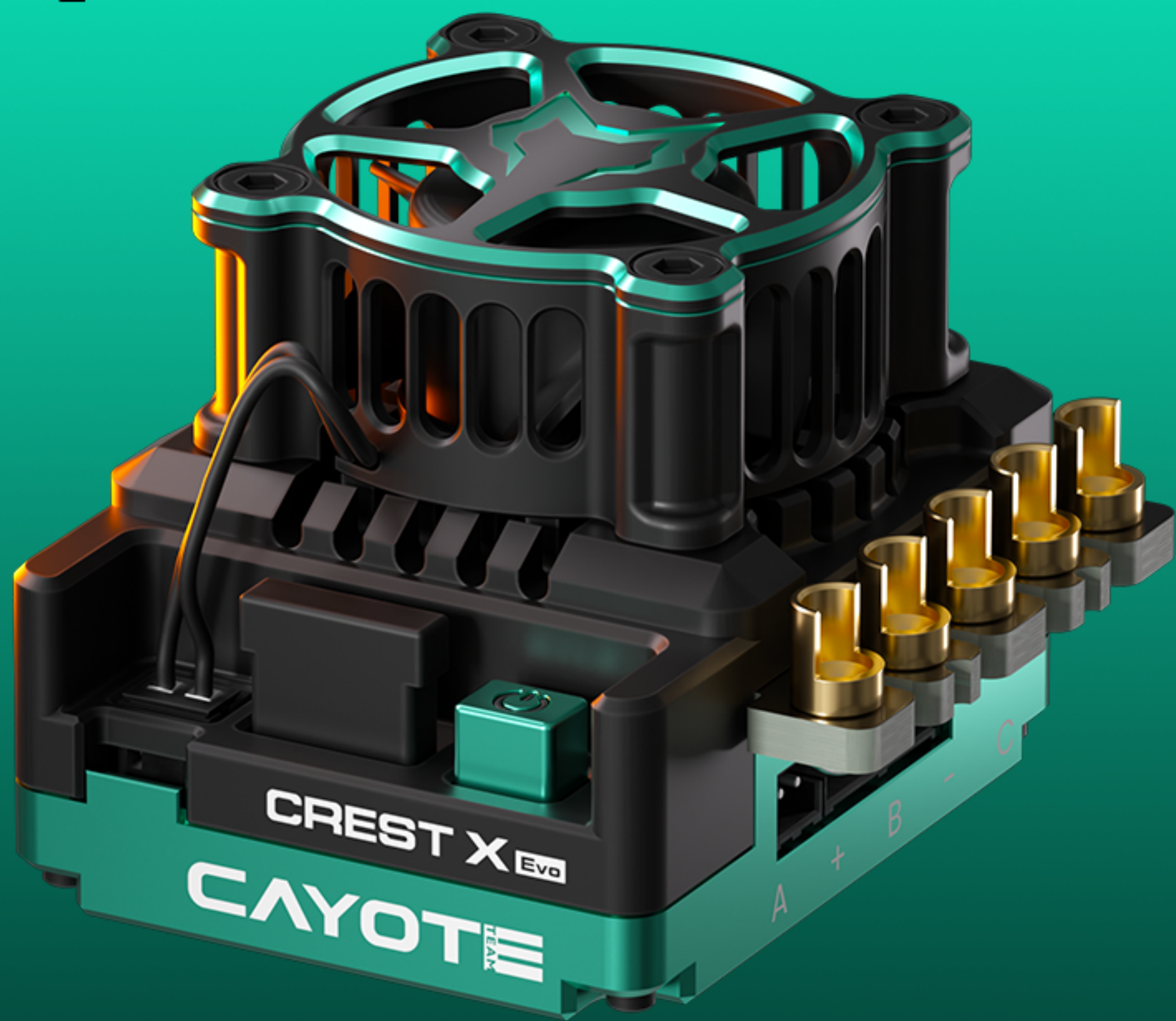


This feature allows users to fine-tune the throttle response and braking power to meet specific driving preferences and track conditions in even the smallest details, as well optimizing setup functionality.

*The curve is for illustration purposes only.
Drivers should adjust according to their needs.



Product Specifications



Continuous/Peak Current	160A/1100A
Support motor type	Sensored and sensorless brushless motor
Suggested application	1/10 electric buggy 2WD/4WD, professional competition touring cars
Number of battery cells	2S Lipo
BEC output	Ultra-stable switch Vregulation 6V/7.4V; cont. current 6A/8A peak
Fan power	6V/7.4V from the built-in BEC
Size	37.9(L)*37.8(W)*30(H)mm
Weight	55g
Parameter setting method	Xlink program box, BTune App
Reverse Polarity Protection	Detects and disconnects reversed power to protect the CREST X Evo and ensure stability
Wireless Control with BTUNE	Connect the CREST X Evo to BTUNE for wireless app control