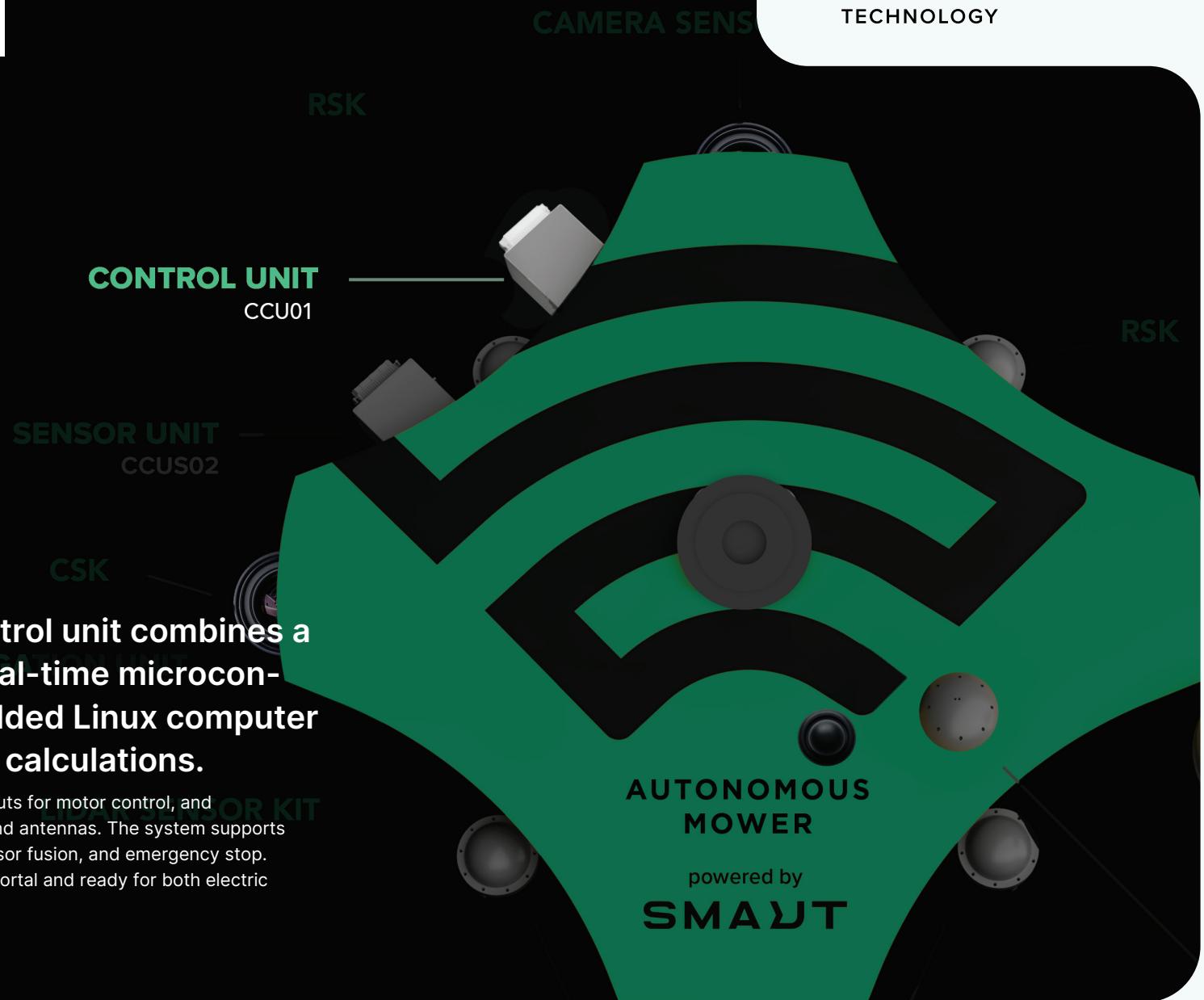


# Control Unit

**SMAUT**  
SMART AUTONOMOUS  
TECHNOLOGY



The CCU01 main control unit combines a high-performance real-time microcontroller with an embedded Linux computer for path and position calculations.

It includes an LTE modem, power outputs for motor control, and **NAVIGATION KIT** industrial connectors for peripherals and antennas. The system supports OTA updates, remote diagnostics, sensor fusion, and emergency stop. It is compatible with the SMAUT web portal and ready for both electric and combustion-powered machines.

# Control Unit

RSK

**CONTROL UNIT**  
CCU01**SENSOR UNIT**  
CCUS02

www.smaut.tech

**CAMERA SENSOR KIT (CSK)****Description**

COMPLETE MACHINE CONTROL - Real-time control + embedded Linux, watchdog-safe

LTE modem for OTA updates and remote diagnostics, Sensor fusion (GPS, IMU, wheels)

IP65 rugged housing for outdoor use, Industrial connectors for wide I/O integration

Compatible with electric and combustion-powered machinery

COMPATIBLE WITH SMAUT Modular system design

COMPATIBLE WITH SMAUT Workforce and fleet management

**Technical parameters**

SIZE	30 x 14.5 x 9.5 cm (incl. connectors)
WEIGHT	2 kg
POWER SUPPLY	12V/3A
COVER	IP65, external use
WORKING TEMPERATURE	-30 to +80°C
PHYSICAL INTERFACES	2x ILME industrial connectors (up to 2x 108 pins), 2x SMA
INTERFACES	2x CAN, 3x UART, ETH, GPIO, AD/DA, 4x PWM outputs up 50A

**Application possibilities** Autonomous Mowing  
Machines Agricultural and Utility  
Robots

Industrial Mobile Platforms

 Construction and Terrain  
Vehicles