

INDUSTRIAL PRODUCT DATASHEET

The CANBed Elite Atmega32U4 - MCP2515 and MCP2551 CAN bus chips, Type-C, LED Indicators, External Headers, Sleek Aluminum Housing, Arduino Support

With Atmega32U4, MCP2515/MCP2551 CAN bus, USB Type-C, and aluminum housing, the CANBed Elite provides robust CAN bus connectivity for diverse applications.

SKU

102991776

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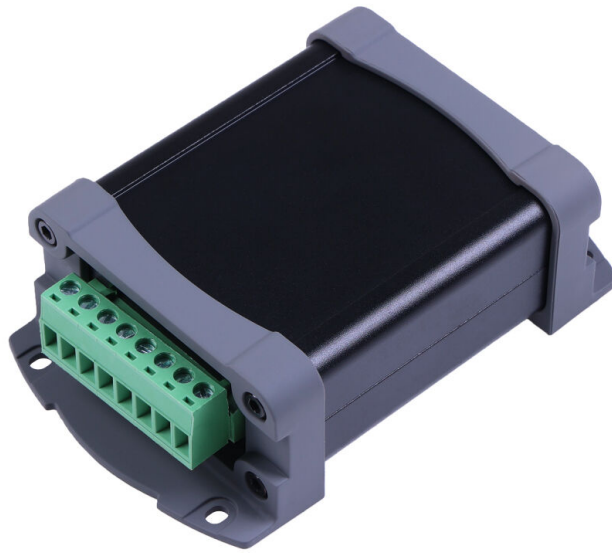
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PRICE

\$26.90(Excl. VAT)



Overview

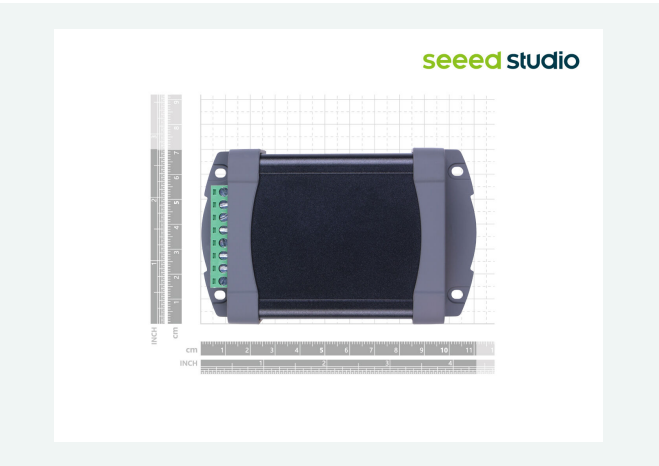
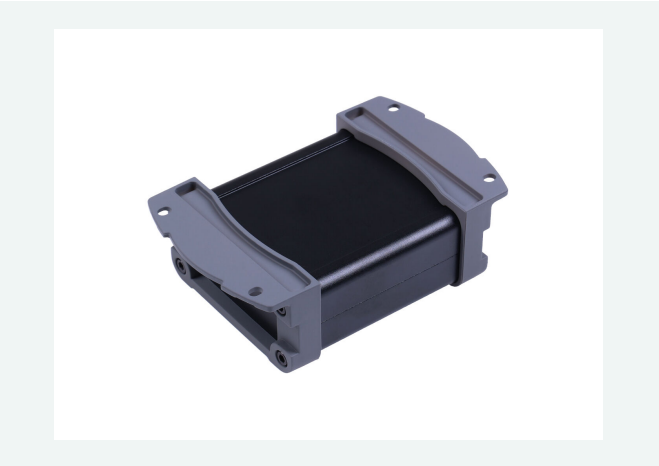
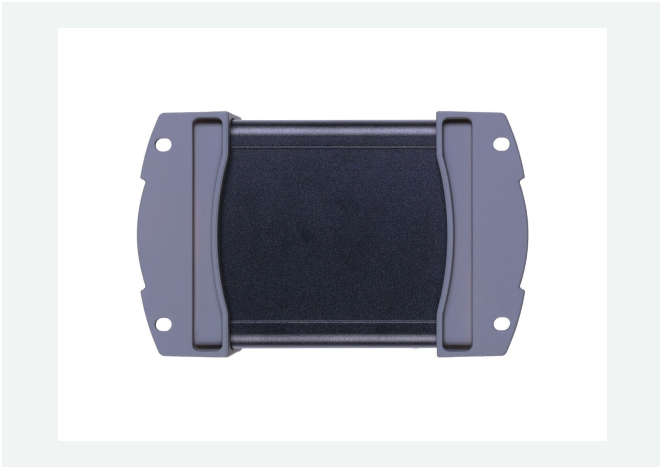
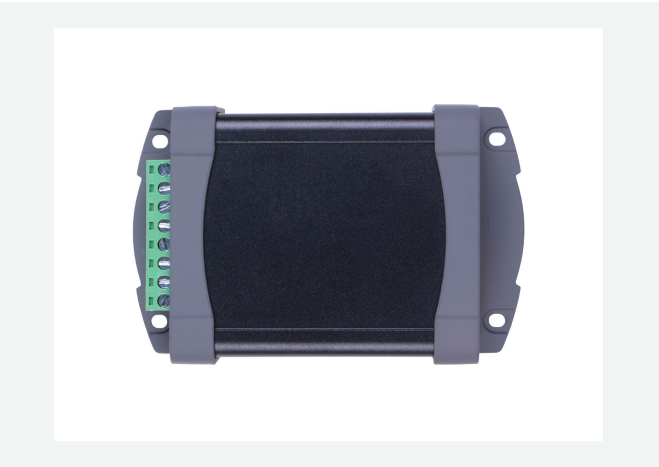


The CANBed Elite is an Atmega32U4-based development board featuring MCP2515 and MCP2551 CAN bus chips, LED indicators, USB Type-C, external headers, and a sleek aluminum housing. It is designed for automotive diagnostics, industrial automation, robotics, home automation, and building automation.

Key Features

- **Atmega32U4-based Development Board:** Built with Atmega32U4 microcontroller, and Arduino Leonardo bootloader, support Arduino IDE
- **CAN Bus Connection:** Equip MCP2515 CAN Bus controller and MCP2551 CAN Bus transceiver, indicating CAN Bus status with LED indicators
- **Well Durability and Protection:** Design with sleek aluminum housing
- **Onboard USB Type-C connector** for easy programming and power supply
- **Onboard headers for connecting external devices**

Product Gallery



Specification

Parameters	Details
Microcontroller	Atmega32U4 with Arduino Leonardo bootloader
Clock speed	16 MHz

Flash memory	32 KB
SRAM	2.5 KB
EEPROM	1 KB
CAN-BUS operating voltage	9-28V
USB Type-C operating voltage	5V
Dimensions	70x66x30mm

Applications

- Automotive diagnostics and monitoring
- Industrial automation
- Robotics
- Home automation
- Building automation

Compliance & Logistics

HSCODE	8517180050
USHSCODE	8517180050
UPC	
EUHSCODE	8543709099
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/CANBed-Elite-Atmega32U4-p-5605.html>
- [Schematics](#)
- [CAN Bus Products - Selection Guide](#)
- [CE Certification](#)
- [FCC Certification](#)
- [Installation Hole Position Diagram](#)

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