



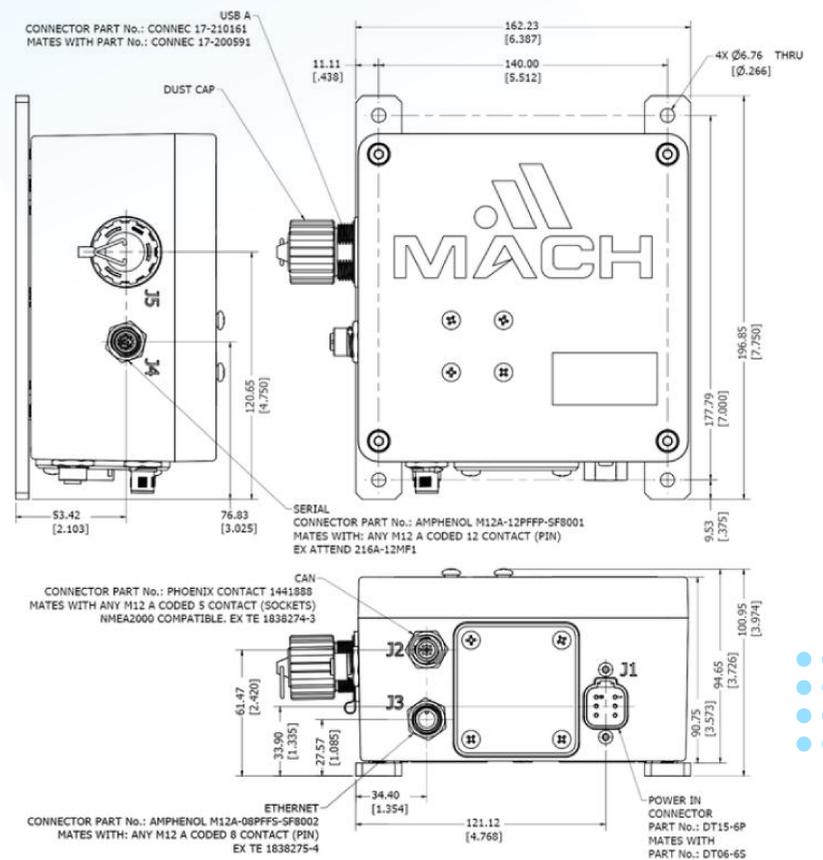
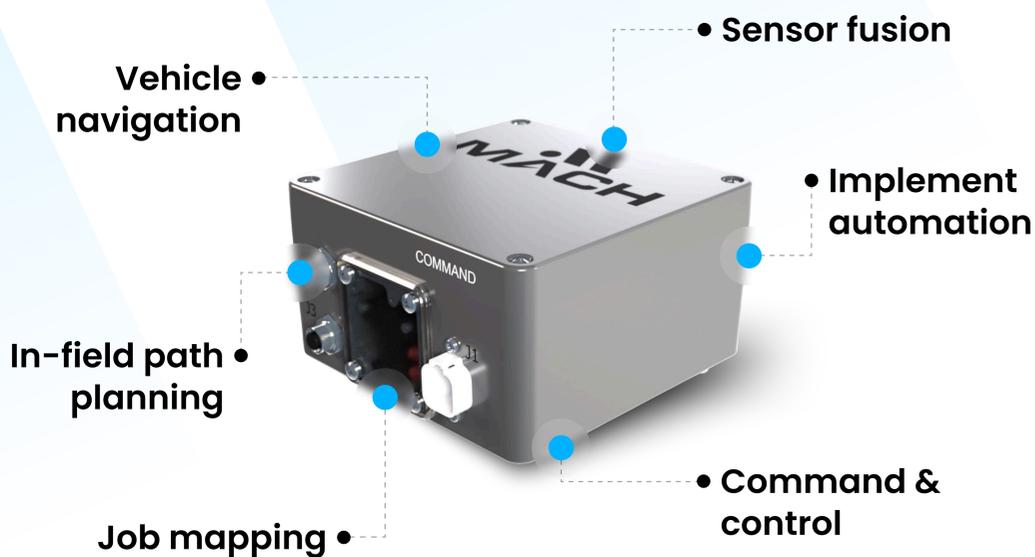
COMMAND



<https://mach.io/solutions/>

Mach Command serves as the heart of the vehicle's autonomous capability, providing the central processing and dynamic path planning for agricultural, construction and industrial applications. Designed to withstand challenging vehicle environments, Mach Command is equipped with high computing power, data-handling capabilities and storage capacity. Command delivers a continuous, uninterrupted stream of data and instructions to fulfill job execution while handling people, obstacles & other potential real time hazards.

APPLICATIONS



MICRO PROCESSOR

Quad Core Cortex A72 at 1.5Ghz



RUGGED DESIGN

Designed to meet MIL-STD-810



IMU

9 DOF MEMS IMU & Fibre optic gyro



CONNECTIVITY

Input Power : 9-32VDC, 1A max

DATA PROCESSING

- ✓ Microprocessor : Quad core Cortex A72 at 1.5Ghz
- ✓ Real Time MCU : 480 MHz Cortex M7

DATA STORAGE

- ✓ Memory: 4 or 8GB RAM
- ✓ Storage: 256GB SSD

RUGGED DESIGN

- ✓ Enclosure sealed to IP67
- ✓ Designed to meet MIL-STD-810
- ✓ Battery backup to ride through voltage transients
- ✓ Operating temperature: -20°C to +55°C (limited by back up battery)
- ✓ Storage temperature: -25°C to +60°C

WIRED CONNECTIVITY/IO

- ✓ Input power: 9-32VDC, 1A max
- ✓ Ethernet (1000/100/10 Base-T/TX)
- ✓ One USB - optional
- ✓ Two RS232 - optional
- ✓ One CAN
- ✓ Two 5A (10A Peak) high side drive outputs

IMU

- ✓ 9 DOF MEMS IMU
- ✓ Fiber optic gyro (optional)