HUSKY

CHIRONIX

CLEARPATH

RUGGED ALL-TERRAIN PEFORMANCE IN AN EASY-TO-USE PACKAGE

Husky is designed with a scalable and open architecture making it the ideal platform for testing and developing multi-robot systems.

Improve state estimation with tunable vehicle control parameters, high-resolution wheel odometry and full power system diagnostics.

ENGINEERED FOR THE GREAT OUTDOORS

Husky is engineered to thrive in harsh outdoor environments. With a powerful 4x4 zero-maintenance drivetrain, rugged all-terrain tires and class-leading ground clearance, Husky will take your field robotics to new extremes.

BUILT UPON INDUSTRY TRUSTED SOFTWARE

Using Husky to program complex autonomous systems is simple with the open-source Robot Operating System (ROS). Rich demos and tutorials are provided to help you get started quickly and hassle-free.

DESIGNED FOR RAPID CUSTOMIZATION

When research changes, so should your hardware. Make changes to Husky quickly and easily with flexible payload mounting, easy to access 5/12/24V power and reconfigurable I/O. Mobile robot prototyping has never been faster or easier.

SPECIFICATIONS

DIMENSIONS (LxWxH)	**990 x 670 x 390 mm (39 x 26.4 x 14.6 in)**
WEIGHT	**50 kg 110 lb**
PAYLOAD	**75 kg 165 lb**
MAXIMUM SPEED (M/S)	**1.0 m/s 2.3 mph**
MAX. INCLINE	**45°**
DRIVETRAIN	**4x4**
OPERATING TIME	**3 Hours**
DRIVE POWER	**ROS, C++, Python**
BATTERY	**24 V, 20 Ah**
USER POWER	**5 V, 12 V, 24 V Fused at 5 A each**
CHARGE TIME	**4 Hours**
CLEARANCE	**130mm (5in)**
ENCODERS	**Quadrature: 78,000 pulses/m**
COMMUNICATION	**RS232 @ 115200 baud**
CONTROL MODES	**Direct voltage wheel speed and kinematic velocity**
OPERATING AMBIENT TEMPERATURE	**-10 to 40 °C 14 to 104 °F Not in direct sunlight**
IP RATING	**IP44 (upgrade to IP 55 available)**