

G2Nav

A universal and radio agnostic ground control station for the operation of professional robotic solutions across various industries, sectors, and technologies. The G2Nav offers performance, durability, and a modular platform enabling a wide range of customizations. The G2Nav is a dynamic ground control platform, offering greater control in scenarios where mobility is not the only driving factor. With the G2Nav you get a ground control platform that is easy to transport and easy to mount with all the control options that you would expect from a professional ground control platform.



Interfaces

Left side components	<ul style="list-style-type: none"> USB Connector USB Connector USB Connector RJ45 Connector RJ45 Connector HDMI Connector
Center - Human interface	<ul style="list-style-type: none"> Keyboard with US QWERTY layout** and numpad Mouse-trackpad or trackball* Storage compartment
Right side components	<ul style="list-style-type: none"> LED indicators LED indicators
Right side HID	<ul style="list-style-type: none"> ON-MON Toggle Switch ON-ON Toggle switch with locking action MON-OFF-MON Toggle switch 5D Pad 3 Axis Joystick Power on toggle switch with guard
2x HID Displays	<ul style="list-style-type: none"> Resistive touch, works with gloves and wet hands Screen size: 2x 21.5 inch Full HD: 1920 x 1080 170 degree horizontal viewing angle Back light Up to 1500 nits Optical bonded screens

Dimensions

With legs	121x42x32 cm - 121 lbs / 55kg
Without legs	121x42x23 cm - 99 lbs / 45kg

Dimensions

Screen size	10 inch / 25.4 cm
Weight	2.64 lbs / 1200 g
Dimension	15.75 x 8 x 3.15 inches / 121 x 42 x 32 cm

Computer

Computer	CPU Intel® Core™ i5-6200U SoC Dual Core
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Computer:

2.3GHz up to 2.8GHz
RAM 8GB DDR4-2400
Storage 120 GB SATA III SSD (more is optional*)
Graphics Intel® HD520
Wireless Dual band WiFi and bluetooth
OS Windows or Linux flavour of choice

Power

AC Power supply

Universal mains, 50/60 Hz 100-240VAC up to 400W

DC Power supply

12-28 VDC up to 400W, surge protected and reverse polarity protected.

Branding

Branding & Configuration

- Custom logo
- Custom colors
- Custom joystick layout
- Custom engraving
- Custom firmware