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	USB Connector
	USB Connector
	USB Connector
	RJ45 Connector
	RJ45 Connector
	HDMI Connector
Center - Human interface	Keyboard with US QWERTY layout** and numpad
	Mouse-trackpad or trackball*
	Storage compartment
Right side components	LED indicators
	LED indicators
Right side HID	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	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

Screen size	2x 21.5 inch
Weight without legs	99 lbs / 45kg

Weight without legs	[illegible]
Weight with legs	121 lbs / 55kg
Dimension without legs	121 x 42 x 23 cm / 47.6 x 16.5 x 9 inch
Dimension with legs	121 x 42 x 32 cm / 47.6 x 16.5 x 12.6

Computer

Computer	CPU Intel® CoreTM i5-6200U SoC Dual Core
	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