

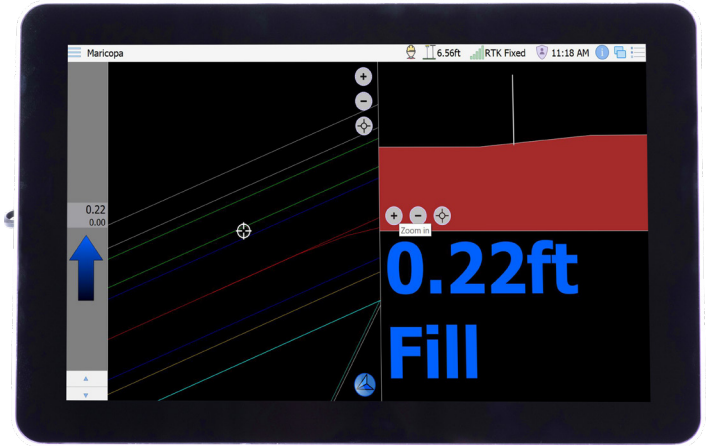


OEM HARDWARE FOR PRECISION AGRICULTURE SYSTEMS



IronTwo is a next-generation rugged display and computer designed for tough and extreme conditions. Ideal for agriculture environments requiring an easy to read display, powerful I/O, and flexible adoption into multiple applications.

IronTwo is equipped with a 10.1" edge-to-edge display containing a high-sensitivity touchscreen. Providing an IP65 rating, IronTwo is designed to function in challenging environments including agriculture. Showcasing an outstanding image quality with a 1920x1200 resolution, the IronTwo is easy to read and use in low or high visibility scenarios. With the processing power of an Intel dual-core processor, the IronTwo will handle large file transfers and complex file formats.



IronTwo includes 64GB of flash memory with the option to extend the storage capabilities with a MicroSD card. IronTwo runs on either Linux or Windows platforms.

Key Features

- High-resolution screen
- Powerful CPU for embedded applications
- Supports Linux and Windows OS options
- Connectivity with integrated cell modem

System

| | |
|-------------------|-------------------------|
| Processor: | Intel® Celeron N3350 |
| System Memory: | DDR3L 1600 SO-DIMM 4GB |
| Storage | M.2 SSD 64GB |
| Operating System: | Ubuntu 18.04 or Windows |

Screen

| | |
|-----------------|---|
| Display Type: | 10.1" TFT edge-to-edge projective-capacitive multi-touch screen |
| Resolution: | 1920 x 1200, widescreen |
| Brightness: | 700 cd/m |
| Contrast Ratio: | 800:1 |
| Max Colors: | 16.7M (8-bit) |

Communication

| | |
|------------|---|
| COM Port: | 2× RS232 |
| USB Port: | 2× USB 2.0 |
| SD Slot: | 1× MicroSD |
| Ethernet: | 2× 10/100 LAN |
| CANBUS: | 2× CANBUS |
| Wi-Fi: | 802.11 a/b/g/n/ac (Up to 867 Mbps data rate) |
| Bluetooth: | Bluetooth 4.1 |

Mechanical

| | |
|-------------|---|
| Dimensions: | 263.28 L x 171 H x 35.7 W (mm) |
| Mount: | RAM Mount (38.1 x 30 mm) 4x M5-0.8 x 10 mm Philips screws provided |

Environmental

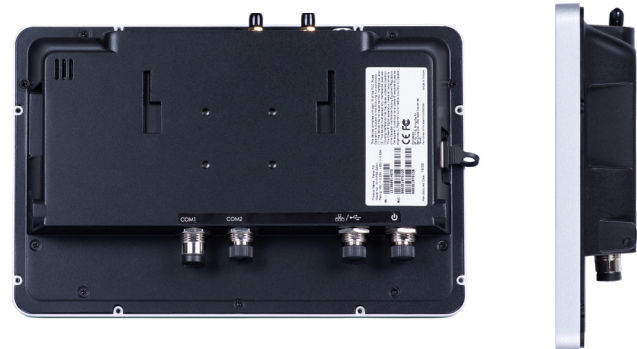
| | |
|------------------------|----------------------------|
| Operating Temperature: | -20°C to +60°C |
| Operating Humidity: | 30% ~ 90% (Non-condensing) |
| Enclosure: | IP65 |

Power

| | |
|----------------|------------|
| Input Voltage: | 9 - 36 VDC |
|----------------|------------|

Sensor & Multimedia

1x 1W Speaker



Hemisphere GNSS
8515 E. Anderson Drive
Scottsdale, AZ 85255, USA

Phone: +1 (480) 348-6380
Toll-Free: +1 (855) 203-1770
Fax: +1 (480) 270-5070

precision@hgns.com
hgns.com