



# RACE Industrial Touch Screen



A New Zealand designed and built Industrial Touch Screen Computer suitable for the harshest of environments.

#### Rugged, Reliable:

The RACE Industrial Touch Screen (RITS) is a complete, fully optioned, industrial touch screen PC, enclosed in 16 gauge stainless steel, with a proven IP65 rating. This unit ideal for applications where dust, water, and blood are involved, providing long service, and removing the need for costly replacements of inferior devices.

#### No Proprietary Parts:

All internal parts used in the RITS are of highest quality, containing no custom built parts. This removes the need for specialist service personnel or off site service.

#### Open System Design:

Each RITS is supplied pre-installed with Windows 10 or your choice of operating system. Load your application and you're in business.

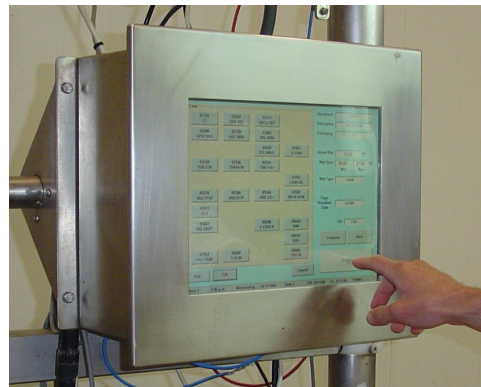
#### High Quality and Proven:

This product is intended for applications within harsh environments which demand performance and reliability – with no compromise of durability and robustness. Our customers are using the RITS product range where dust, wetness and temperatures can be extreme.

#### Easily Maintained:

Protection of the resistive touch panel is achieved using a poly-carbonate sheet, which is easily user replaceable. All other internal parts are easily serviceable with the swing out front panel.

Connections to the RITS are via C16 connectors, making them rugged and water-tight.



## Technical Specifications

### Physical and Environmental Characteristics

<b>Physical Dimensions:</b>	D: 124mm H: 390mm L: 450mm
<b>Weight:</b>	11kg
<b>Power:</b>	240V
<b>Display:</b>	15" colour VGA (1024 x 768) 300 nits
<b>Touchscreen:</b>	Resistive
<b>Interface Ports:</b>	2x USB 3.0 4x Serial Ports 2x 10/100/1000MB Ethernet Wireless (optional)

### Performance Characteristics

<b>CPU Options:</b>	Intel 2Ghz Celeron Processor Intel i7 2.9-4.3Ghz Processor Intel i5 3.3-4.8Ghz Processor Intel i3 3.6-4.2Ghz Processor
<b>Operating System Options:</b>	Windows 10 Pro Windows 10 IoT

### Applications:

- Meat and Fish Processing; grading and carton labelling
- Timber production; grading, process control, and data capture
- Machine shop floor; machine and process control
- Access Control
- Mobile Machinery Control

**Memory:** Up to 64GB DDR4 2933 SDRAM

**Internal Storage:** 120GB (minimum) SSD

### User Environment

**Operating Temp.:** -10 to 40C

**Humidity:** Operating 20% to 80%  
Storage 10% to 90%

**Environmental:** IP65 Standard (dust tight and splash proof)  
Internal Heat Exchanger  
Stainless Enclosure  
Polycarbonate Protector (replaceable)

