



## Because Hardware Matters

Hardware certification process to guarantee third party hardware compatibility and performance

## Hardware Matters

The modern conference space is filled with a dizzying array of technologies - everything from flat panel displays, projectors and interactive whiteboards to wireless dongles, HDMI capture cards, microphones, speakers and HD cameras - but these items don't necessarily work together cohesively or easily.

Wireless connectivity standards such as Airplay, Chromecast, and Miracast must be combined with HDMI input cables and control systems in an attempt to tie these disparate technologies together and provide a consistent and simple user experience.

The few complete solutions that exist force your organization to live within their silo.

rBoard represents a new option that offers more flexibility for the customer and a greater opportunity for channel partners to compete.

In addition, the rBoard minimizes support and increases reliability. Standardized and approved hardware will reduce the number of configurations and allow for seamless global deployment.



## What is a rBoard?

- Supercharged Interactive Whiteboard fully tested and optimized for Reactiv SUITE to guarantee the best possible performance.
- A product that puts the user experience above everything else and delivers the closest to natural writing experience, mimicking the feel and fluidity of pen on paper.
- Plug and play device that seamlessly integrates all the peripherals in your conference room required for a holistic experience.
- A select group of hardware partners that are working together to bring this vision to life.

## Benefits of rBoard Certification

### TECHNOLOGY PROVIDERS

- ▶ The certification guarantees the support of your technology or peripheral device in the Reactiv eco-system
- ▶ Custom integration of your API/ SDK stack to create unique features and interfaces
- ▶ Leverage your technology to provide additional features and provide continuous testing against all future builds

### SOLUTION PROVIDERS

- ▶ Create the ultimate solution that can compete against the best of the market
- ▶ Guarantee that all components of the hardware solution are supported, tested and work together
- ▶ Develop custom features that will differentiate your products in the market

### END CUSTOMERS

- ▶ Remove the complexity from the buying process
- ▶ Plug and play device that will maximize your experience
- ▶ Simplify deployment, maintenance, maximize uptime and ultimately deliver you the highest ROI



#### Enhanced Touch

Pen-on-paper writing experience, passive shape recognition, multi-stylus, low latency and much more!

#### Enhanced Compute

Interact with any number of documents, 4K videos, and high-res images without struggling.

#### Multiple Displays

Up to three secondary displays to mirror different files or your entire workspace, live!

#### Motion Sensor

Enable and disable Motion Sensors to track activity in the boardroom.

#### Remote Keyboard

Hardware interface that allows any in-room laptop / mobile devices to be used as a wireless keyboard!

#### Integrated A/V Peripherals

Fully integrated HD camera, speakers and power supplies.



## Base Configuration

### LCD

- 4K Resolution @ 60 fps native
- AG/AR coated glass
- Conductive to touch – smooth, doesn't leave fingerprints
- < 70 ms display latency
- Thin glass with low parallax for user experience

### TOUCH SCREEN

- < 10ms latency
- Passive touch\stylus\eraser detection
- Excellent writing and stylus performance with natural response
- Multi stylus support through standard Windows API

### MECHANICAL

- Simple out-of-the-box setup, deployment
- Consistent hardware and PC image
- Cable management for computer and associated hardware
- Single power cord with no additional hookups necessary

### COMPUTER

- Discrete GPU
- WiDi capable NIC for Miracast support
- i7 CPU
- Solid-state Drive
- 16GB RAM or more
- VPRO support
- Dual-band wifi NIC
- Mobile hot spot support

### HD CAMERA

- HD 1080P
- 30 fps
- Wide angle image capture

### AUDIO

- Integrated active speakers
- Integrated microphone for conferencing

## Best Configuration

### In addition to the base Configuration

### LCD

- Software control for OSD menu
- Optically bonded

### TOUCH SCREEN

- Superior writing & lower latency
- Remote keyboard for IWB control
- Integrated GPIO for sensor integration
- Integrated RS232 for third party hardware control
- Touch based display OSD control

### HD CAMERA

- 4K sensor for lossless zoom
- People counting
- Free/Busy/Release notification for rooms
- Auto-framing for best room view
- Integrated PTZ control
- Integrated High Fidelity beam forming microphone.

### MECHANICAL

- Computer, A/V all integrated into one system

### COMPUTER

- NVMe Solid-state Drive
- Wifi 6 (802.11 AX)
- Multiple Discrete GPU accelerated 4k outputs

### AUDIO

- Active noise cancellation

