

# VESARO



The worlds most advanced simulators. Designed, engineered and built in England.

Vesaro - GT Arc



## The Vesaro GT Arc

Engineered for drivers who expect uncompromising realism, the Vesaro GT Arc delivers a fully immersive motorsport experience within a refined, high-end platform. Every element is designed to work in harmony, combining precision engineering with powerful sensory feedback to recreate the intensity, control, and connection of real-world driving. From the moment you take your seat, the simulator responds with accuracy and depth, placing you at the centre of the action.

Built around a performance-driven architecture, the system integrates advanced motion, force feedback, and visual immersion to create a seamless and deeply engaging experience. Each component has been carefully selected to enhance realism while maintaining reliability, consistency, and long-term durability. The result is a simulator that not only performs at the highest level, but also feels intuitive, responsive, and natural to use. It offers a complete, ready-to-enjoy solution while retaining the flexibility to evolve over time, ensuring it continues to meet the demands of even the most dedicated drivers.





## Sabelt GT-Pad

GT-PAD is Sabelt's first modular seat.

The shell is covered by velvet with high resistance.

Additional pad kits are available separately. It is possible to customize the seat according to the different sizes of padding and by color.

- Shell in VTR developed using the know-how acquired thanks to the worlds leading experiences GT and WRC.
- Integrated head protection system
  - Shoulders and hips designed according to the requirements of Regulation 8862 to improve the drivers safety
- Rear structural reinforcement
- Ergonomic foam sections studied with CAD simulations and tested by our professional drivers to improve driving comfort.
- ADS-Air Ducting System: obtained thanks to the separation of the pad improves air circulation by increasing the seats breathability and improving driving performance.

## G-Force Tensioner System + Harness

Our Vesaro G-Force Tensioner System + Harness introduces eye-opening braking G-Forces when sim racing. Working passively in conjunction with any of our available motion systems, when the chassis pitches forward after a braking input from the user, a proportional amount of compression is applied down the their chest. The accuracy and visceral sensation of the braking G-Forces experienced on our systems greatly aids the user in controlling the amount of braking they apply.

Beyond the incredibly accurate training advantage this system provides, it also amplifies the general experience of driving on a Vesaro simulator, making it a phenomenal option for entertainment purposes. Requires a Vesaro motion system module for the G-Force effect to function. The Vesaro G-Force Tensioner System + Harness can be used as an aesthetic and authenticity addition without any form of motion, or it can be added with the intention of upgrading the system to utilise a motion module in the future. Most effective with 3 inch and 6 inch motion systems.





## V-Spec Gomez GT-Max Wheel

The GT-MAX32 takes everything we've learned and elevates to a new level of technology including features, construction and assembly. A first for sim racing steering wheels, the GT-MAX32 is made from a continuous molded carbon footprint. The face and the outer circular rim are a single carbon fiber unit with handles over-molded in silicone for maximum grip and strength all while reducing weight.

### Pro Controls V-Spec Hydraulic Pedals (2 Pedals)

The Pro Controls V-Spec Hydraulic Pedals (3 Pedals) offer a fully adjustable, consistent and reliable racing experience. Whether they will be used for demanding private racing, or intense commercial eSports, these pedals are more than capable of supporting high-performance use-cases. Produced with robust engineering and precise components, resulting in accurate input translation via high-fidelity load cell sensors. The brake pedal is capable of registering up to 140kg of force at the pedal footplate.

The accelerator has a smooth and accurate response due to its 1-way hydraulic damper, offering excellent and consistent control. The dual stage brake system consists of an initial coil spring, simulating initial travel, and custom elastomers that simulate progressive braking from high-performance braking systems. It also features a 2-way hydraulic damper, replicating the feel of real brake assemblies. With 9 resistance settings, the brake can be fine-tuned from soft to firm.

Physical adjustments can be made to the pedals directly, to alter the angle of rest and leverage that can be applied. Furthermore, beyond the physical adjustments, refinements can be made virtually in dedicated Heusinkveld Smart Control software, fully controlling the registered output value of input force and its corresponding curvature.





## GT Conversion Kit

The Vesaro GTF Conversion Kit is a transformative solution for both the Vesaro I & X chassis.

This kit serves 2 functions.

Firstly, it raises the pedal deck, providing a more GT/Formula resting position for the user's feet. This increases authenticity for GT and Formula driving disciplines, and provides more comfortability for longer driving stints.

Secondly, it forms a large storage space on the Vesaro chassis', enabling us to integrate more components and electronics onto the framework, greatly reducing clutter around the simulator.

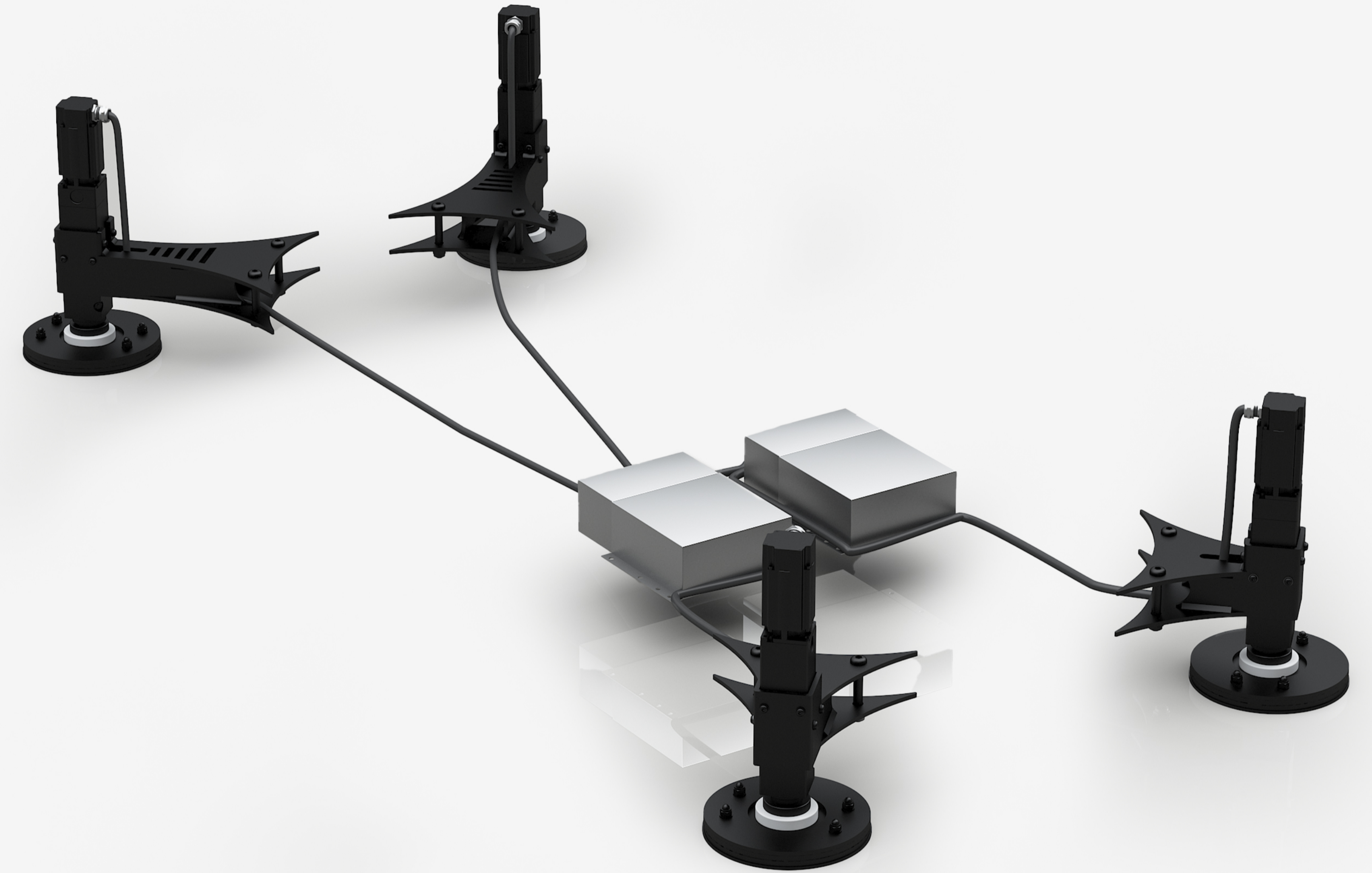
Pedal deck adjustability is retained, enabling the user to angle the pedal deck and its distance to their preference.

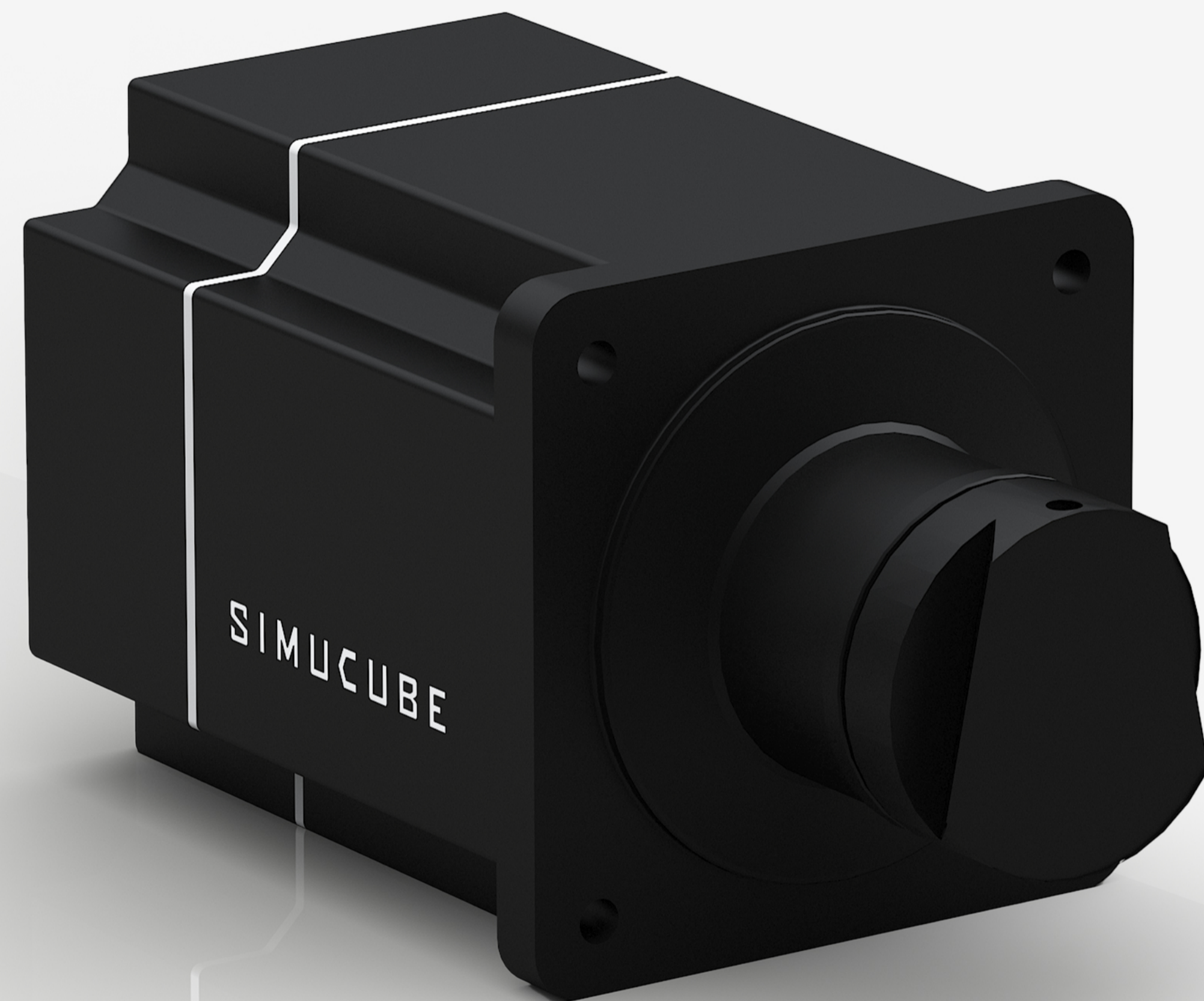
## D-BOX Quad Motion V-Spec 3.0

Vesaro Quad Motion 3.0 Inches, powered by D-BOX, animates the Vesaro system with highly accurate and detailed movement and haptic feedback. 2 actuators positioned at the rear of the Vesaro chassis, and 2 actuators at front provide 3.0 inches of travel, for 3 degrees of freedom- pitch, roll and heave. These actuators are powered by D-BOX Haptic Technology, electronically controlled and actuated for incredible reliability with zero maintenance required. D-BOX's systems are the only FIA approved and licensed motion platforms available within the industry, recognised for their unparalleled level of detail and feedback that is of a standard suitable for professional driver training.

Quad actuator platform options offer the most true-to-life driver training capabilities, as each in-game car wheel is represented by an actuator. If the front right wheel rolls onto a rumble strip, the corresponding actuator will react independently. Flight simulators also benefit from 4 actuators, amplifying experienced effects such as turbulence. A vast library of simulation titles are supported by D-BOX's bespoke software. Each title has D-BOX software integration coded and calibrated individually, ensuring that the user experiences everything as the developer intended.

Vesaro calibrates and tests all software included on the Vesaro system at HQ, however, each simulation title can be tweaked and adjusted to the user's preference with savable profiles.





## Simucube Pro

The Pro Controls Wheel Base- Simucube 2 Pro exemplifies performance, quality and reliability. 25 Nm of torque is produced by this industrial grade motor, without a single hint of notchiness or rippling. This ultra smooth and consistent delivery of force feedback enables the user to train consistently on a Vesaro system, with full faith in the feelings and sensations that they are experiencing. The build quality is second to none. Its rigid metal construction, expertly wired and grounded internals and finely CNCed quick-release system make this the perfect choice for private and commercial users alike.

The consistency and accuracy offered by the Simucube 2 Pro sets an incredible foundation for the included True Drive software. Many effects and setting sliders are available to the user within the True Drive software, all of which can be finely adjusted to create near perfect representations of real vehicles. These can be saved to individually named profiles, which can be switched between in a matter of seconds, so that the user can have a dedicated profile for every vehicle they wish to train, in every scenario.

Vesaro configures all steering settings at HQ in a preset profile, so there is always a ready to use profile preloaded with our preferred settings, that work great with the Vesaro system.

## Vesaro 4.1 Integrated Audio System

Our Vesaro 4.1 Integrated Audio System directly incorporates 4 bespoke satellite speakers and a low-profile subwoofer onto the Vesaro simulator. Our in-house designed and manufactured satellite speakers continue the distinctive aesthetic of a Vesaro system. They are discretely integrated onto the Vesaro chassis, with the Vibe 4 channel Amplifier and all associated cabling hidden and out of sight within the framework.

2 satellite speakers are positioned at the front of the chassis and 2 at the rear. Our Vesaro Technicians calibrate the 4 speakers for positional surround audio, for full immersion. If the vehicle used is a rear engine vehicle, any engine noises will be produced by the rear 2 speakers. If there are vehicles ahead of the user, the corresponding sounds will be produced by the front 2 speakers.

The low-profile subwoofer is positioned directly under the seat, producing all low frequencies, such as deep engine rumbles and heavy crashes. The resulting audio experience compliments intense competitive sessions, and intense flight moments.





## Triple Display Screen 55 Inch Arc

Triple Display Screen 55 Inch Arc (Samsung Odyssey Arks). Experience revolutionary triple-screen immersion and unparalleled responsiveness with the Triple Display Screen 55 Inch Arc setup (Samsung Odyssey Arks). Comprising three groundbreaking Samsung Odyssey Ark 55-inch curved gaming monitors, this configuration redefines visual immersion in any Vesaro gaming or simulation system, enveloping your entire field of vision with cutting-edge display technology.

Key Gaming Features (Per Screen x 3):  
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165Hz Refresh Rate across the panoramic array- Exceptionally fluid and fast-motion visuals, now amplified across your entire panoramic display.

1ms (GTG) Response Time across the wraparound view- Lightning-fast response for ultra-responsive gameplay and near-instantaneous input registration, fully realized across the expansive wraparound view.

AMD FreeSync Premium Pro across the triple display- Premium tear-free gaming experiences, flawlessly smooth visuals now extended across the entirety of the triple screen setup.

Display Specifications (Per Screen x 3):

55-inch Curved 1000R Display x 3- Massive, deeply curved displays creating a truly colossal and completely wraparound field of vision for unparalleled immersion.

4K UHD Resolution x 3- Stunningly sharp and incredibly detailed visuals, bringing games and simulations to life with breathtaking clarity across a panoramic expanse.

Mini-LED Backlighting x 3- Exceptional contrast, brightness, and HDR performance amplified across three screens with advanced Mini-LED backlighting technology.

## Triple Display Stand Plus

Our Vesaro Triple Display Stand Plus brings large sized screens in a triple screen formation close to the nose of our Vesaro system, for an exceptional visual experience. Supporting 55" screens, our Triple Display Stand Plus is well suited for users looking for a visual wraparound solution that is engaging and visually impressive.

All 3 screen positions can be adjusted with several in-built functions. The centre and outer 2 screens have height adjustment, in order to achieve centre eyeline with the user when sat in the Vesaro system. The pitch angle of each of the 3 screens is also adjustable, ensuring that each of the screens sit perpendicular relative to the floor. Each of the 3 screens can be rotated to accomplish a perfectly level finish. Furthermore, the outer 2 screens can be angled in for a tighter configuration, or angled out for a more open configuration, which can also improve accessibility into the sim.

The vast amount of adjustment built into this stand makes it compatible with our static systems as well as all motion platforms, including the Vesaro Quad Motion 6.0 Inch Haptic Feedback Platform- powered by D-BOX. All cables are discreetly run through the 2 centre legs to achieve a showroom ready finish.





## Vesaro Manager

Our Vesaro Manager (Mounted on Left Side) greatly simplifies the operating experience of our systems, and concentrates all controlling elements to the user's left-hand side. All installed simulation titles can be launched directly from the interactive button module, featuring dynamic backlit buttons that change based on the user's inputs. Once in launched simulation titles, the corresponding pages will be displayed, enabling the user to navigate around the menus, where cars, aircraft, tracks and airports can be selected.

Whilst driving or flying, another corresponding page will load, presenting the user with in-game controls, such as ABS and traction control options for racing titles, and landing gear and camera views for aircraft titles. Outside of simulation software, useful direct links to software, PC functions and website pages are displayed, enabling the user to jump to Vesaro's latest socials, Teamviewer for support, adjust the volume and many other options.

Furthermore, a mini dual-function trackpad and keyboard offers greater control over the Vesaro system where needed. The cursor can be moved with the trackpad, and numbers and letters can be inputted via the haptic keyboard into text fields where required.

## Vesaro PC Level 5 X-Spec

Our Vesaro PC Level 5 X-Spec is designed and produced in-house. We created this bespoke PC from the ground up to work natively with our more demanding Vesaro systems, requiring multiple screen support, triple 4k output, and high fidelity graphical settings and animations, in both VR and non VR visual configurations.

Our Vesaro Level 5 X-Spec required more space in order to accommodate larger and more powerful GPUs, such as the 4090. We created a dedicated chamber to house the GPU and opted to have it as a display item at the rear of our Vesaro systems, showcasing the GPU with internal RGB lighting. This PC is a must for those looking for top performance from multiple simulation titles.

The Vesaro PC Level 5 X-Spec is fully configured from Vesaro HQ, with all compatible software for all included components on the system. All systems are set to run at 60 FPS minimum. No setup is required from the user. In any instance where setup is required due to software updates, our dedicated Vesaro Support Team can remote access the system (with prior permission) to completely fix or aid in resolving issues.

Drivers installed & Configured for all included control systems

Control systems configured & setup for all included games/sims

Graphics optimised and tuned for optimum frame rate & quality for any included games/sims

Full image backup to an external Drive, allowing full software restore to the day the system was finalised

2 Year Parts & Labour RTB Warranty (Private Customers)

1 Year Parts & Labour RTB Warranty (Commercial Customers)





## UPS Backup

A UPS (Uninterruptible Power Supply) allows a computer to be safely shut down in the event of a power failure, by sustaining power to the system for a short period of time. This avoids sudden PC shutdowns that could cause fatal errors on the system.

Additionally, UPS' provide the entire system with clean constant power, ensuring that all components operate as intended with no unexpected variations in their performance. Furthermore, it also serves as a surge protector, isolating components from potential overcurrent in the event of power failure.

## Full Specification

Vesaro I Chassis

Vesaro G-Force Tensioner System + Harness

Sabelt GT Pad Seat

Pro Controls Wheel Base- Simucube 2 Pro

Pro Controls V-Spec - GTMAX Wheel

Pro Controls V-Spec Hydraulic Pedals (3 Pedals)

Vesaro PC Level 5 X-Spec

Triple Display Screen 55 Inch Arc

Triple Display Stand Plus

Vesaro 4.1 Integrated Audio System

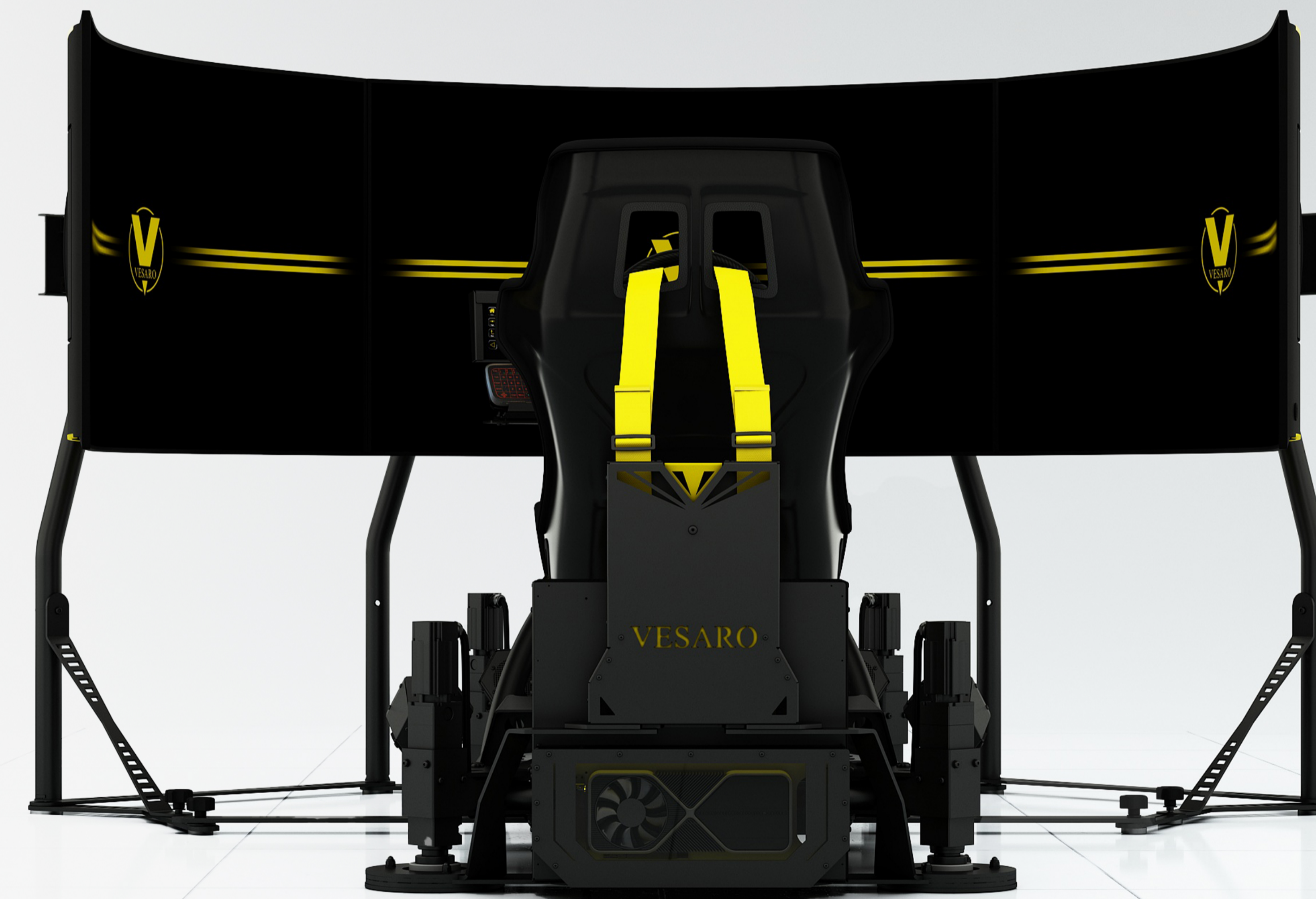
Vesaro Quad Motion V-Spec 3.0

UPS Backup

Private Software: Software- Personal Use- Iracing Full Content Pack,Assetto Corsa, ACC

Vesaro Manager

Wireless Keyboard and Mouse





## Dimensions

Length: 220cm (rear of seat to back of display stand)

Width: 225cm (plus or minus from this average width depending upon outer screen angle you prefer)

Height: 140cm

## Further Information

To learn more about our products and services, please visit: [www.vesaro.com](http://www.vesaro.com)

Stay up to date with the latest news, releases, and updates by following us online.

### **Get in Touch**

If you have any questions or would like to speak with a member of our team, we'd love to hear from you.

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Alternatively, visit our website to explore our full range and find the right solution for you.

