

**PORSCHE**

**EXPERIENCE**



**Virtual Track Experience**

**Hardware & Software Recommendations**

# Hardware Recommendations

**All Systems Go.  
For Maximum Training Success.**

The new Virtual Track Experience platform brings you back behind the steering wheel and prepares you for the upcoming challenges. The Virtual Track Experience bring the racetrack into your living room!

A **basic** set of Sim-Racing hardware is required. Although there are no specifications for the equipment, this document provides some recommendations for:

- Computer hardware
- Screen
- Wheel base
- Steering wheel
- Pedals
- Simulation rig & seat
- IT hardware & internet
- Software



# Computer Hardware

**Your Personal Set-Up.  
Geared for Racing Glory.**

## Recommended system requirements

<b>OS</b>	Windows 7 Sp1, 8, 8.1, 10
<b>Processor</b>	AMD Six-Core CPU, Intel Quad-Core CPU
<b>Memory</b>	16 GB RAM
<b>Graphics</b>	DirectX 11 (AMD Radeon 290x, Nvidia GeForce GTX 970)
<b>DirectX</b>	Version 11
<b>Network</b>	Broadband internet connection
<b>Hard drive</b>	30 GB available space
<b>Sound card</b>	integrated

## Minimum system requirements

<b>OS</b>	Windows Vista Sp1, 8, 8.1, 10
<b>Processor</b>	AMD Athlon X2 2.8 GHZ, Intel Core 2 Duo 2.4 GHZ
<b>Memory</b>	2 GB RAM
<b>Graphics</b>	DirectX 10.1 (AMD Radeon HD 6450, Nvidia GeForce GT 460)
<b>DirectX</b>	Version 11
<b>Network</b>	Broadband internet connection
<b>Hard drive</b>	15 GB available space
<b>Sound card</b>	integrated

## Screen

**Excellent Views.  
In Focus: The Next Turn.**

The **screen** should be either a curved wide screen or a triple screen setup.

To start with, a regular screen works as well.



## Wheel Base

**The Porsche Driving Feeling.  
Fascinatingly Realistic.**

The **wheel base** is the component the steering wheel is attached to that creates the torque and force feedback.

- A proper wheel base is a key factor for successful Sim-Racing, since the influence from g-forces experienced in real driving is missing.
- Simulation software uses force feedback to let you experience realistic driving conditions.
- The better your wheel base can handle the commands from the software, the better it can „talk“ to you about road conditions and driving dynamics.
- Wheel bases can be direct-drive (immediate response, high torque) or belt-driven (less torque and some effects slightly suppressed).



## Steering Wheel

**In Every Bend. On the Ideal Line.  
In Control of Your Porsche.**

There are several options for compatible **steering wheels** to attach to the wheel bases.

- The steering wheel is another key factor for successful Sim-Racing.
- The most important aspects are grip and size, as well as the control buttons / displays.
- Some steering wheels, like the GT3R wheel, come with a clutch pedal for an extremely realistic driving experience.
- Switches and dials to adjust traction control and the ABS level as well as brake balance are recommended.



## Pedals

**Seconds Count Sometimes.  
On the Circuit, for Example.**

**Pedals** must be purchased separately and can be freely combined with wheel bases.

- Most sim racers agree – it is the pedals that make you faster.
- There are 3 types – travel, load cell, hydraulic – differing in feeling, precision, and price.
- Travel pedals are lacking in terms of pressure.
- Load cell pedals closely approximate real-life conditions at a reasonable price.
- Hydraulic pedals are made to shave off those last split seconds with a higher investment.



## Simulation Rig & Seat

**A Place Where Hearts Beat Faster.  
Welcome to the Rig!**

The **simulation rig** is the base on which everything is mounted. The more rigid, the better.

- There are many different types of varying sophistication, from DIY wooden shelves to high-tech aluminium rigs with motion simulation.
- Many sim equipment manufacturers offer matching rigs for their wheelbases and pedals, which is the easiest solution with good performance.
- DIY kits, which include all necessary hardware but require assembly, offer the best value for money and customisation options.

While some **rigs** include a racing seat, some can be ordered without one and combined with an existing seat.

- Any seat is fine for a start. Some of the fastest sim racers use living room chairs.
- Reachability and some comfort should be ensured.
- The more realistic you want the simulation to feel, the better it is to use a proper racing seat.



## IT Hardware & Internet

**A Connection that Sets Nerves Atingle.  
And Takes You Further, Lap After Lap.**

If you are starting from zero, you also should take care not to forget the following equipment.

- A keyboard and a mouse. There are keyboards that include a touchpad like the Logitech K400. These are quite useful on a rig because they do not require an additional spot to place the mouse pad.
- A gaming headset with good speakers and microphone. The Logitech G430, e. g., is good value for money. Make sure you can wear the headset comfortably for a long period of time. High-end devices also include noise-cancelling options.
- And of course, a good internet connection is indispensable!

## Software

**There Is More Than One Way to  
Experience the Fascination of Sportscars.**

The following software is required for participating in the Virtual Track Experience.

- Assetto Corsa – the simulation software itself is, of course, essential. The team of the Virtual Track Experience recommend that you buy the [Assetto Corsa Ultimate Edition](#), which includes all available racetracks and Porsche models.
- [Content Manager](#) – this software enables your simulator to access the Porsche Track Experience server directly and is therefore an absolute requirement.

The following software is recommended but not required:

- [ptracker](#) – a tool to track personal lap times. It works like a V-Box and is used to monitor personal skills and deficits.
- [Discord](#) – a communication platform to talk to other drivers on the track or in the pit lane. This tool is required for personal coaching sessions.

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