



APEX1 GTC SPECIFICATIONS – Complete System

1 DOF Motion Simulator on Yaw

Chassis: High performance welded tubular steel framework. Rigid, durable, and lightweight with a limited lifetime warranty. Powder coated in any combination of colors.

PC and Motion Cabinet (ACE Box): Yes

Mountings: Audio, Visual (supports up to three 49”), Wheel, Pedals, Shifter, Seating

Motion System:

One Degree of Freedom (1DOF) of independent axis SimCraft motion on Yaw with one (1) electric linear actuators, configured with high precision, maintenance free rod end bearings and sealed rotational bearings.

Motion Range		Stroke Length		Max Force		Max Speed		
Yaw		Mm	In	kgf	Lbf	mm/s	in/s	deg/s
30°		150	6	45	90	200	8	60

Axis Alignment: Mutually Perpendicular
 Axis Synchronization: Independent and Simultaneous Control
 Repeatability: +/- .02 degrees
 Command Interpretive Interval: < 1 milliseconds

Universal power input: FULL range (110v-240v AC 50/60 Hz)
 Power Consumption: 100W Nominal, 150W Peak
 Communications: USB 2.0

Seating: NRG FRP-310

Environmental Requirements:

Foot print: **3.5** feet wide by **5** feet in length by **3** feet high (1.22m x 2.13m x 0.91m)
(Width may vary depending on visual system.)

Weight: **125** pounds / **60** kg

Total System Potential Power Consumption: .04 kWh

PC Included: Intel i7 CPU, 16GB DDR4 Memory, nVidia GTX1070Ti Graphics, SSD, Windows 10, software pre-installed and configured

- Race Wheel:** Fanatec Clubsport V2.5 GT Rim
 - Race Pedals:** SimCraft Tilton 2-pedal
 - Race Shifters:** Fanatec H-Pattern / Sequential / Paddles
 - Video System:** Triple 43” 1080p LED TV Array
 - Vibration:** 2 Vibration transducers with amplifier
 - Audio System:** 5.1 Audio (1000W), headphones
 - Software:** 2 racing simulations pre-installed, SimCraft motion master license
 - Services Included:** Assembly, Remote Training
- Crating / Shipping / Installation Services Available*