



APEX2 GTC SPECIFICATIONS – Complete System

2 DOF Motion Simulator on Roll and Pitch

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:

Two Degrees of Freedom (2DOF) of independent axis SimCraft motion on Roll and Pitch with two (2) electric linear actuators, configured with high precision, maintenance free rod end bearings and sealed rotational bearings.

Motion Range		Stroke Length		Max Force		Max Speed		
Roll	Pitch	Mm	In	kgf	Lbf	mm/s	in/s	deg/s
40°	20°	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: 4 feet wide by 7 feet in length by 3 feet high (1.22m x 2.13m x 0.91m)
(Width may vary depending on visual system.)

Weight: 250 pounds / 113 kg

Total System Potential Power Consumption: .05 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