



X1 ENTERPRISE SIMULATOR

THE INDUSTRY STANDARD FOR IMMERSIVE OPERATIONS



UNIFIED SIMULATION CORE

The X1 is not just a simulator; it is a dedicated physical portal to the Endeavor RuntimePhysics™ engine. Built for high-fidelity, multi-station environments, the X1 allows crews to train exactly as they fight.

Unlike fragmented competitor systems, the X1 runs on Endeavor's unified architecture. Operators, Engineers, and Supervisors operate in a synchronized, zero-latency environment.

- **Physics First:** Real-time fluid dynamics and downhole modeling. No pre-recorded scenarios.
- **Multi-Role:** Train the Operators simultaneously on linked consoles.
- **Hardware Agnostic:** The X1 chassis can run every simulation module in the Endeavor library—from Drilling to Well Intervention to CCS.

OPERATIONAL ADVANTAGE

The X1 replicates the physical and cognitive load of high-consequence operations. It bridges the gap between theory and execution, ensuring performance readiness across any domain before live engagement.

- **Total Immersion:** Configurable video walls (up to 70" displays) or projection domes create unparalleled spatial awareness.
- **Haptic Fidelity:** Industrial-grade joysticks and physical switches replicate the tactical feel of rig equipment.
- **Team Integration:** Network multiple X1 units to a single Instructor Station for complex, multi-rig scenarios.
- **Future Proof:** One hardware investment supports all future software modules

TECHNICAL SPECIFICATIONS

PACKAGE CONFIGURATION

COMPONENT	DETAILS
Primary Operator Station	Industrial Grade Operator Chair with Integrated Armrest Controls
Secondary Operator Station	Optional: 2nd Operator Chair with Integrated Armrest Controls
Visual System	Custom Configurations using Commercially Available LED Displays
Auxiliary Displays	Interactive 55" or 70" Free Standing Touchscreen Monitor(s)
Computing Core	Single Dedicated High-Performance Simulation PC

OPERATOR CONSOLE (ARMRESTS)

FEATURE	SPECIFICATION
Left Armrest	Integrated Multi-Axis Joystick + 10 Point Touch Screen
Right Armrest	Integrated Multi-Axis Joystick + 10 Point Touch Screen
Touch Display Specs	292mm (W) x 201mm (H) Resolution: 2736 x 1824
Processor	Dedicated i7 Intel Core Processor, 128GB SSD per Console

PHYSICAL DIMENSIONS & POWER

METRIC	MEASUREMENT
Chair Dimensions	1360mm (W) x 1066mm (D) x 1371mm (H)
Weight	45 kg (per chair unit)
Adjustability	35 Deg Tilt, Adjustable Headrest, Backrest, Leg Rest
Voltage	100-240V, 50/60Hz (Auto Sensing Power Supply)
Operating Temp	0 C to 40 C
Connectivity	IPv4/IPv6 Support 1x 10/100/1G Ethernet

Warranty: 1 Year Standard. Maintenance contracts available (1 or 3 year commitments).

Contract: sales@endeavortech.com | 1.866.789.1758 | **Web:** endeavortech.com