



### **3. Preferred Solution: Infinity Pro X Series Gen. 4 (86")**

The Infinity Pro X Series is the preferred model based on market research, feature comparison, and value proposition.

Specification	Infinity Pro X Series Gen 4 (86")
Model	X Series (86")
Brightness	450 cd/m <sup>2</sup>
Touch Technology	IR – 40-point touch
Glass	Anti-glare, 7H hardness
Audio	2 x 20W stereo + 20W subwoofer
Operating System	Android 13 with OPS slot
Connectivity	HDMI (3 in / 1 out), USB-C (65W PD), USB 3.0, RJ45, Wi-Fi 6
Camera / Mic	Not integrated – external USB peripherals can be connected as needed
Modular Features	OPS slot, field-replaceable main board, PSU, speakers
Warranty	3 years (advanced replacement available)

## **65" Interactive Flat Panel Display**

### **1. Minimum Technical Requirements**

To ensure interoperability, serviceability, and long-term value, the procured unit must meet or exceed the following specifications:

Category	Minimum Requirement
Screen Size	65" Diagonal
Resolution	4K UHD (3840 x 2160)
Brightness	400 cd/m <sup>2</sup> minimum (for well-lit room visibility)
Touch Technology	IR or PCAP with minimum 20-point touch
Touch Response	≤ 10ms latency
Glass Hardness	7H Mohs minimum (scratch and impact resistant)
Audio	Built-in speakers (minimum 2 x 15W)
Operating System	Android 11 or higher (built-in) with OPS slot for Windows
Connectivity	HDMI (minimum 2 inputs), USB-C (with PD charging), USB 3.0, RJ45 Ethernet, Wi-Fi 6

### **2. Modular Replacement Requirements**

A key procurement criterion is modular serviceability to minimize downtime and extend product lifecycle. The unit must support field replacement of the following components:

Component	Field-Replaceable Requirement
Computer Module	OPS (Open Pluggable Specification) slot to allow independent upgrade or replacement of Windows PC module
Main Control Board	Replaceable without full unit disassembly
Power Supply Unit (PSU)	Field-serviceable module







