

Interactive Display & Mobile Stand Requirements

General Requirements

Size	75"
Type	Interactive 4K UHD Touch Screen Display Panel with Mobile Stand
Product Dimensions (H x W x D)	1071.9 mm x 1705.7 mm x 91.8 mm
Color	White

Display Specifications

Resolution	Minimum 4K (3840 x 2160 pixels)
Brightness	Minimum 350 cd/m2
Contrast Ration	Minimum 4000:1
Display Lifespan	Minimum 30,000 hours
Touch Technology	Must support at least 20-point touch with writing latency (16ms)
Backlight Type	Minimum D-LED
Screen Lamination	Zero-Gap Bonding required

Audio & Video

Integrated Speakers	Minimum 2 x 15W or 4 x 10W
Microphone Array	Minimum 6 Element Array, with Noise Suppression & ECHO cancellation
Integrated Camera	Minimum 4K resolution with Audio-Framing & Speaker Tracking capabilities
Optimized Sound Pickup	Sound source location, echo cancellation & automatic gain control

Operating System & Hardware

OS	Internal: Must include a built-in OS (HarmonyOS & Genuine Windows 11 Pro) OPS Slot: Must support Windows OPS Module (Intel i5/i7, 8GB RAM, 128GB SSD or Better)
Built-In Memory	8GB RAM & 64GB ROM (Internal System)
CPU	Minimum 8-Core A73
Security	Embedded encryption chip that supports H.235, STARTTLS, TLS, SRTP encryption, secure boot & TEE

Connectivity & Networking

Wi-Fi	Must support Wi-Fi or Wi-Fi 6 (2.4GHz + 5GHz)
Bluetooth	5.0 or Higher
LAN	RJ45 (Gigabit)
Wireless Projection	Must support AirPlay, Miracast, or Native Wireless Sharing with Multiple OS
Minimum I/O Ports	2 x HDMI IN, 1 x HDMI Out, 3 x USB-A (2.0 or 3.0), 1 x USB-C, 1 x Audio Out

Collaboration Tools

Whiteboard	Native Whiteboard application with multi-user simultaneously writing AI shape/Text Recognition
Screen Sharing	Must support split screen for multiple devices
File Support	Built-In viewing of Office Docs & PDFs
Annotation	On-Screen & file-based annotation tools

Accessories

Stand	Mobile Stand must be included
Minimum Accessories	2 x Passive/Active Touch Pens

Mobile Stand General Requirements

Compatibility	Must support Interactive Panels ranging from 65” to 75”, including both VESA 600 x 400mm & 800 x 400mm mounting patterns
Mobility	Smooth & Stable Movement on carpeted & Hard Flooring Wheels: 360 360° rotatable with individual locking mechanisms
Height	Adjustable frame height
Cable Management	Integrated cable routing clips or channels
Safety Lock	Display locking mechanism to secure screen during movement

Warranty

Warranty	Minimum 1 Year
----------	----------------