

Interactive Display & Mobile Stand Requirements

General Requirements

Size	75"
Type	Interactive 4K UHD Touchscreen Display Panel with mobile stand
Intended Use	Enterprise Video Conferencing, Collaboration and Presentation

Display Specifications

Resolution	Minimum 3840 x 2160 (4K UHD)
Brightness	Minimum 350 cd/m ²
Contrast Ratio	Minimum 4000:1
Display Lifespan	Minimum 30,000 Hours
Touch Technology	Must support at least 20-point touch with writing latency ≤ 16ms

Audio & Video

Integrated Speakers	Minimum 2 x 15W or 4 x 10W
Microphone Array	Minimum 6 element array, with noise suppression and echo cancellation
Integrated Camera	Minimum 4K resolution with auto-framing and speaker tracking capabilities

Operating System & Hardware

OS	Internal: Must include a built-in OS (HarmonyOS or Android 11 or later) Optional OPS Slot: Must support Windows OPS module (intel i5/i7, 8GB RAM, 128GB SSD or better)
Built-in Memory	Minimum 5GB RAM and 32GB ROM (internal system)
CPU	Minimum 8-core ARM or equivalent

Connectivity & Networking

Wi-Fi	Must support Wi-Fi 5 or Wi-Fi 6 (2.4 GHz + 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 and PDFs
Annotation	On-screen and file-based annotation tools

Accessories

Stand	Mobile stand must be included
Minimum accessories	2 Passive/Active Touch Pens

Mobile Stand General Requirements

Compatibility	Must support interactive panels ranging from 65" to 75", including both VESA 600 x 400 mm and 800 x 400 mm mounting patterns
Mobility	Smooth and stable movement on carpeted and hard flooring Wheels: 360° rotatable with individual locking mechanisms
Height	Adjustable frame height
Cable Management	Integrated cable routing clips or channels
Safety Locks	Display locking mechanism to secure screen during movement

Warranty

Warranty	Minimum 1 year
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