

# MAXHUB All-in-One Display Improves Meeting Engagement, Collaboration

**MAXHUB Xboard V7, using 12th generation Intel® Core™ processors, brings collaboration tools, AI-powered audio and video capabilities and presentation features that result in successful meetings**



## MAXHUB

Many workers feel that corporate meetings are boring because they are not engaging. That feeling is even more acute for branch offices and hybrid workers who are trying to virtually participate from miles away.

Technology is part of the answer to this dilemma. A conference room with bad sound, low resolution video, and no interactivity can impact how the audience receives the message of the meeting. Fixing these issues is the first step in building a powerful meeting infrastructure that has people engaged in the conversation instead of being bored.

MAXHUB, an Intel® Industry Solutions Builders Partner, is a leader in developing big-screen digital displays that integrate Intel high-performance computing modules for AI capabilities and to maximize meeting interactivity. One of the company's most advanced displays is the MAXHUB XBoard V7.

### Introducing the MAXHUB XBoard V7

The MAXHUB XBoard V7 is an all-in-one, 4K resolution, interactive flat panel display (IFPD) that is available in 55"-, 65"-, 75"-, 86"- and 92"- ultra-wide sizes.

The system features a built-in 16-microphone array with AI noise reduction for very clear voice transmission. This microphone array delivers a 180-degree wide-angle view for coverage across an entire conference room.

The built-in three-camera video system enables conference calls that include everyone in a meeting room. These 50-megapixel cameras feature two-times optical zoom and five-times hybrid zoom to isolate presenters for effective remote communication. The MAXHUB XBoard V7 also includes AI-powered intelligent voice sensing that ensures every participant is seen and heard. These noise cancellation capabilities boost clarity and promote dynamic and inclusive collaboration.

With auto-framing, the MAXHUB XBoard display automatically adjusts the cameras to achieve the best angle based on the number of participants and their location, making the presentation feel like a face-to-face interaction.

The screen's design features an ultra-slim 2.6 mm bezel, resulting in a 97.8% screen-to-body ratio that provides a wider view with minimal distractions, and capacitive touch for intuitive interactivity.

### Meeting Feature with MAXHUB OS

The MAXHUB Xboard V7 runs Windows as the operating system, and its own MAXHUB OS on top of that for advanced meeting features. The simple-to-use



**Figure 1.** MAXHUB XBoardV7 intelligent digital display.

interface features icons for the top three activities that take place during a meeting to make it easier to get started. The software features a whiteboard app with natural writing capabilities and tools for editing and collaborating and presenting.

Added capabilities are available in the MAXHUB sidebar that lets presenters annotate an important point, start a timed break or brainstorm session, or take a vote of the team. Other sidebar features allow for taking screenshots and recording screen content.

These MAXHUB OS features are sharable among other MAXHUB XBoard V7s on the network, or other devices and users.

### Powered by Intel® Processors

MAXHUB chose 12th Gen Intel® Core™ processors for the MAXHUB XBoard V7. These processors deliver strong real-world performance with integrated AI acceleration for compute-intensive digital presentation, collaboration, and video-conferencing applications. They offer modern I/O and memory support designed to deliver responsive performance across interactive 4K display workloads, while maintaining backward compatibility with existing system infrastructure.

The 12th Gen Intel® Core™ mobile processor product family integrates performance-oriented and efficiency-oriented cores in a hybrid architecture that improves multitasking and responsiveness for demanding meeting experiences. These processors also feature built-in graphics to deliver smooth, high-resolution video during collaboration sessions.

The MAXHUB XBoard V7 Series has two models powered by 12th Gen Intel Core processors. The MT71F is based on the 12th Gen Intel® Core™ i7-12650H processor and the MT71S is based on the 12th Gen Intel® Core™ i5-12450H processor.

These compute modules are designed for high performance, supporting Windows 11 Pro for interactive, AI-enhanced collaboration and 4K video-rich conferencing and presentation applications.

Beyond the mobile processors used in the MAXHUB XBoard V7, the broader 12th Gen Intel® Core™ processor family also includes desktop models that support next generation platform capabilities such as PCIe 5.0 and higher speed DDR5 memory options. These processors extend the benefits of Intel's performance hybrid architecture to additional computing environments, providing advanced connectivity, increased bandwidth, and enhanced scalability for workloads that require higher throughput.

## Conclusion

Corporate meetings are a very valuable tool for spreading knowledge, collaborating and building relationships. But that is hard to do if the meeting is unengaging. While a lot of factors go into how a presenter will connect to an audience, digital sign technology can lay a foundation for those speakers to shine. The MAXHUB XBoard V7 is an all-in-one 4K resolution system complete with the sound and video capabilities that make it possible for the system's thoughtful use of AI to maximize clarity of both sound and video. AI and other features of the MAXHUB XBoard V7 get their responsiveness from an on-board compute module based on the 12th Gen Intel Core processor family.

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