NEWS

What's Behind the Screen

A look at the device that does the work.

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A screen alone doesn't show anything. For images, text, and plans to appear, computing power is needed and that power lies in an unassuming device behind the screen. Meet ScreenWay, a media player that's smaller than a book and does more than you'd expect.

Inside, a modern processor runs efficiently and quietly. Because it operates without a fan, it doesn’t draw in dust and has no moving parts that wear out. This makes it resistant to heat, vibration, and the conditions of a factory floor, where ordinary computers quickly break down.

A dedicated artificial intelligence module is built right into the chip. It enables speech recognition, text-to-speech, and translation without the need for the cloud. This keeps the processing right where the screen is, rather than in a remote server room.

The device is built for continuous operation, day and night, for years - 24/7/365. Upon startup, it checks its own software to ensure that no unauthorized code can infiltrate the system. It connects to existing systems such as cash registers, sensors, or control systems via its ports and displays their data on a screen on the wall.

Good hardware doesn't stand out. It sits in a cabinet, stays cool, and runs while everyone in front is focused on the screen. That's exactly the point.

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