XMP-8552/8550

High Performance Kiosk Processor and 4K Media Player Series

4K technology for unforgettable user experiences. No limits or compromise on performance.

Android 12

The latest Android OS for greater security and performance enhancements

PoE Ready

Power and connectivitiy over a single wire for less cable clutter*

Rugged Design

Durable against tough environments and wide temperature ranges

Wi-Fi Connectivity

Dual-band Wi-Fi support to easily push content wirelessly*

Touch Support

Supports touch for interactive wayfinding or self-service kiosk applications

Watchdog Timer

Round-the-clock device monitoring maintains device stability and operation

Theft-Deterrent Features

Kensington lock helps protect device against bad actors

Lower CO_2 Emissions

Generates up to 6 times less CO_2 compared to a mini PC

*XMP-8552 only

The Ultimate Kiosk Processor for Creating Your
Unique Immersive Experience

High Performance Meets High Quality

Smart. Modern. Convenient.

The XMP-8552 /8550 has a consistently powerful quad-core processor that packs in high performance, excellent energy savings, and diligent watchdog monitoring. Whether the player is powering an interactive wayfinding kiosk or a gesture-sensitive retail kiosk, content is always displayed in the best possible light, day in, day out.

Spectacular Visual and Interactive Experience

Supreme Immersion.

Unforgettable experiences bring back shoppers and visitors again and again. The XMP-8552/8550 is the ideal processor for simplifying deployment of customizable and remotely-manageable kiosks. Retailers, transport hubs, and merchandisers can integrate it with smart technology such as sensors, cameras, buttons, and readers to deliver a unique user and brand experience.
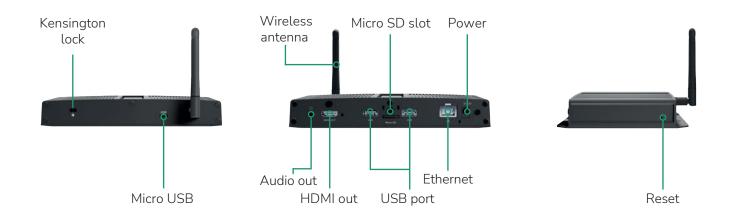

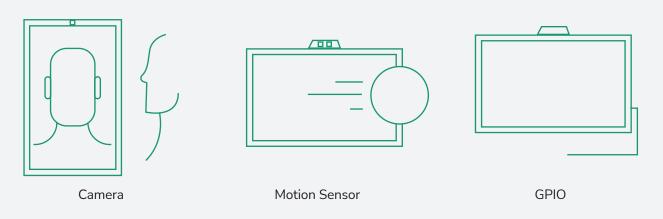## Robust Durability and Rapid Cooling

Built to Last.

Kiosk processors that use plastic housing are vulnerable to overheating and damage upon impact. The XMP-8552/8550's aluminium housing ensures rapid cooling and protection against blunt force for uninterrupted operation in a variety of demanding environments.
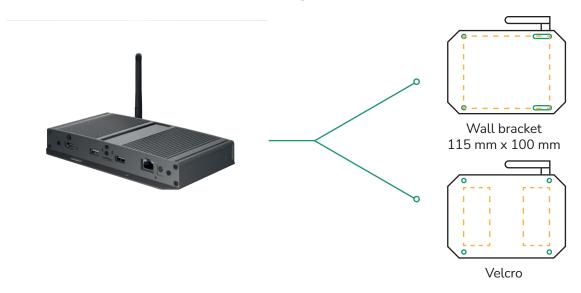
XMP-8552 Universal I/O

Kensington lock

Micro USB

Wireless antenna

Micro SD slot

Power

Audio out

HDMI out

USB port

Ethernet

Reset

Kiosk Customization Options

Camera

Motion Sensor

GPIO

Mounting Options

Wall bracket
115 mm x 100 mm

Velcro

Technical Specifications

	XMP-8550	XMP-8552
Supported Video Formats	H.265/HEVC up to 4K (3840 x 2160) H.264/AVC up to 1080p (1920 x 1080) MPEG-4 up to 1080p (1920 x 1080) MPEG-2 up to 1080p (1920 x 1080) MPEG-1 up to 1080p (1920 x 1080) VC-1 up to 1080p (1920 x 1080)	H.265/HEVC up to 4K (3840 x 2160) H.264/AVC up to 1080p (1920 x 1080) MPEG-4 up to 1080p (1920 x 1080) MPEG-2 up to 1080p (1920 x 1080) MPEG-1 up to 1080p (1920 x 1080) VC-1 up to 1080p (1920 x 1080)
Supported Images Formats	JPEG up to 1920 x 1080 PNG up to 1920 x 1080	JPEG up to 1920 x 1080 PNG up to 1920 x 1080
Connectivity	IEEE 802.3ab Gigabit Ethernet	IEEE 802.3ab Gigabit Ethernet IEEE 802.3a/b/g/n/ac dual-band Wi-Fi IEEE 802.3af PoE
Supported Open Standards	HTML5, JavaScript, and CSS W3C SMIL for cross-platform management W3C Widgets for HTML delivery Android API 12.0	HTML5, JavaScript, and CSS W3C SMIL for cross-platform management W3C Widgets for HTML delivery Android API 12.0
Supported Audio Format	MP3 up to 320 Kbps	MP3 up to 320 Kbps
Local Storage	16 GB eMMC built-in Micro SD card (replaces internal storage)	16 GB eMMC built-in Micro SD card (replaces internal storage)
Memory	Expandable up to 32 GB	Expandable up to 32 GB
Ports	Gigabit Ethernet port x 1 HDMI 2.0 (3840 x 2160 @ 60fps) x 1 Micro USB x 1 USB 2.0 x 1 USB 3.0 x 1 3.5 mm analog stereo audio out x 1	Gigabit Ethernet port x 1 HDMI 2.0 (3840 x 2160 @ 60fps) x 1 Micro USB x 1 USB 2.0 x 1 USB 3.0 x 1 3.5 mm analog stereo audio out x 1 External antenna port x 1
Power	Input: 100 - 240V, 50 - 60 Hz, 0.5 A Max. Output: 12V, 1.5 A UL/CB/PSE certified power supply	Input: 100 - 240V, 50 - 60 Hz, 0.5 A Max. Output: 12V, 1.5 A UL/CB/PSE certified power supply
Environmental Tolerances	Operating temperature: -20 to 50 °C Humidity: 10 to 85 % @ 45 °C, non-condensing Shock: IEC 60068-2-27 Table A.1 (railway) Vibration: 1.5 G @ 5 to 200Hz, random	Operating temperature: -20 to 50 °C Humidity: 10 to 85 % @ 45 °C, non-condensing Shock: IEC 60068-2-27 Table A.1 (railway) Vibration: 1.5 G @ 5 to 200Hz, random
Accessories	HDMI cable Velcro DC jack bracket Micro SD card bracket M2.5 screw x 2 Quick Start Guide AC power adapter with interchangeable plug head (US/EU/UK/AUS) SignApps Express QR code	HDMI cable External 2 dB wireless antenna Velcro DC jack bracket Micro SD card bracket M2.5 screw x 2 Quick Start Guide AC power adapter with interchangeable plug head (US/EU/UK/AUS) SignApps Express QR code
Dimensions and Weight	166 x 27 x 125.5mm / 6.5 x 1.1 x 4.9" 460g / 1.01lbs	166 x 27 x 125.5mm / 6.5 x 1.1 x 4.9" 470g / 1.04lbs
Content Management	SignApps Express Utility 3rd party solution (optional license)	SignApps Express Utility 3rd party solution (optional license)