

NEC Display Solutions

5 steps to choose the perfect digital signage player



More and more organisations are discovering how digital signage gets messages through more effectively than printed posters or other alternatives. Dynamic Signage attracts more customers, leading to increased sales and visitor loyalty.

Choosing the right hardware is important to maximise the success of your installation. In addition to the displays themselves, the media player is critical as it drives what the visitor sees and when. In this document we have analysed some of the important steps you should consider when selecting your signage player. NEC's OMi

computing concept includes a broad range of seamlessly embeddable media player solutions for any performance need. They meet or exceed your specific use delivering versatility and power to create, schedule or deliver your business critical content.



NEC's OMi range of integrated player solutions fulfill a wide range of needs, offering:

Easy Installation

Fully embedded | Cable free | Internal power connection

Greater Flexibility

Modular and interchangeable | Upgradable | Open platform

Tailor-made Solution

High level of customisation options for all individual needs

Safer Investment

Low failure rates | 24/7 operation | Manufacturer 3 year warranty

Low TCO

Low operational efforts | Low energy consumption and related cost

Simplified Usage

Single point of contact for service and maintenance

1

What is the goal of your digital signage?

Understand your objectives

Different objectives require varied performance levels and computing capabilities.



Provide information or advertise.



Share information, entertain or advertise and run multiple tasks or contents



Self-order kiosks, information and wayfinding terminals, context-aware signage and analytics

2

How ambitious will your content be?

Set the ideal level of performance

Different Media Players provide higher or lower levels of data and video performance that must be aligned with the performance requirements of the intended content and application.



Static images or slideshow

Animated content or graphics

High quality video content

3

Which Software application and OS?

Matching your Operating System to your application

The choice of the media playback system and application will have an impact on the operating system that is required. NEC Media Players support a wide range of operating systems and therefore can run a greater number of applications.



Raspbian, the Raspberry Pi OS, is preinstalled on the NEC Edition of the Raspberry Pi Compute Module 3 supported by an open source development community.



Linux are open-source software operating systems that are mainly used for developer and highly customised software solutions.



Android is a preinstalled open source operating system with a strong focus on media capabilities, supporting multi-touch applications.



Microsoft Windows leading Operating Systems are broadly available on NEC OMi devices.

4

What enhancements will you choose?

Selecting the right power and flexibility

For a player solution that meets all your demands, choose from a broad range of NEC media playback device customisation options. We provide customized configuration allowing the adaption of signage systems networks to individual needs.



Memory and storage



Remote content update



Security



Remote system control



WiFi and 4G connectivity



Customized BIOS firmware settings



Customized software image deployment

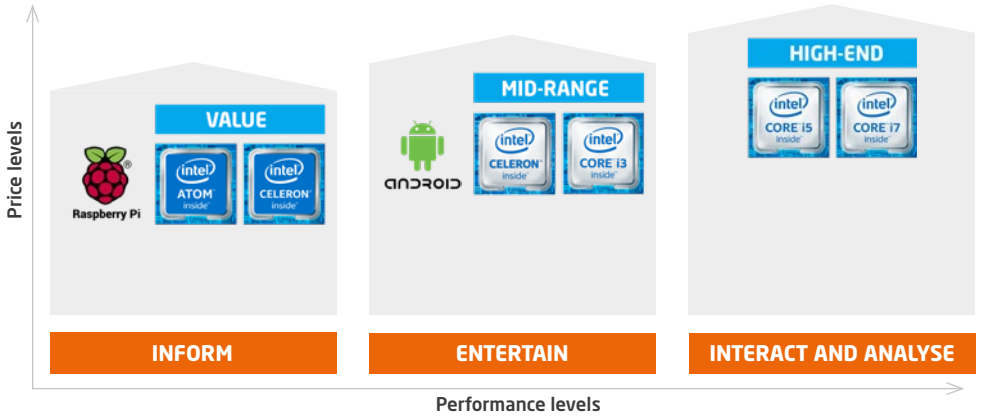


Warranty extension

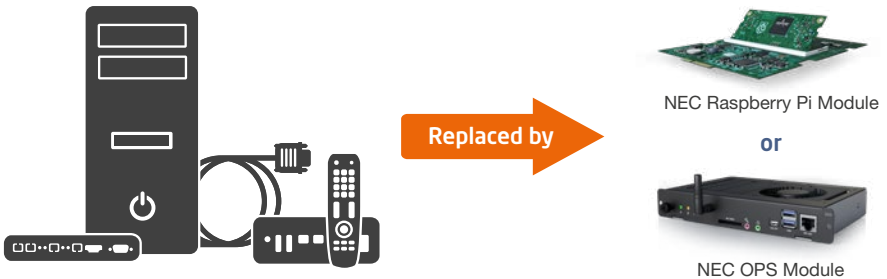
5 Which Media Player and what are the costs?

Invest in the right performance

Typical Processor requirements for differing performance levels.



Slot-In options make digital signage simpler and more flexible replacing a greater number of larger devices and cables with one simple modular device.



For more information about our extensive OMi portfolio please visit www.nec-display-solutions.com

NEC offer the following certified Media Players:



The **NEC Edition of the Raspberry Pi Compute Module 3** offers cost-effective computing power with professional Signage displays.



The **Android-based OPS Slot-in Computer** provides strong media performance with up to UHD playback and multi-touch support. Wide connectivity includes WiFi for more flexible use or updates.



The **Intel-based Value OPS Slot-in PCs** offer low initial and operational costs while with reliable and basic signage applications ideal for professional or tailor-made configurations.



The **Intel ATOM processor based Micro PC** is ideal for all displays that don't support modular device integration. It offers low initial and operational costs while performing all professional requirements for static and dynamic content playback.



The **Intel-based Mid-Range OPS Slot-in PCs** deliver strong performance with crisp 4K UHD playback and multi-touch support. Available preconfigured or tailor-made with high levels of configuration.



The **Intel-based High-End OPS Slot-in PCs** support the most demanding interactive, high resolution or resource hungry applications delivering crisp 4K UHD playback. Available preconfigured or tailor-made with high levels of configuration.



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