

Order Code: 100015937 (Type A) / 100015938 (Type C)

Raspberry Pi 4 - MPi4 Box

Upgrade your display to a full signage solution

The MPi4 Box is the perfect computing device to upgrade your display easily.

The open platform device supports a broad range of operating systems offering a high level of versatility. Customisable for specific application requirements, users benefit from direct access to third-party Content Management Systems through Sharp/NEC's partnerships with leading software providers.

Offering exceptional value, the MPi4 Box brings professional, reliable performance for retail signage, quick service menu boards and passenger information.

Featuring RaspberryPi 4.0 with powerful Quad Core 1.5 GHz processing, the MPi4 Box is the perfect partner for your visual display, turning it into a complete signage solution. The MediaPlayer gives remarkable performance levels, whilst security is safeguarded with IEEE 802.1X support.



Benefits

- **Pre-installed NEC MediaPlayer** – providing an intuitive plug and play digital signage solution, easy to manage and capable of guiding the user to create powerful visual experiences.
- **Powerful possibilities** – the Quad Core 1.5 GHZ processor provides amazing performance and supports 4K/UHD playback with an unrivalled price-performance ratio.
- **High flexibility** – can be attached to any display that supports USB with 10W.
- **Unlimited versatility** – supporting a broad range of operating systems, this open platform offers high flexibility for digital signage software providers and system integrators.
- **Trusted state-of-the-art technology** – Raspberry Pi computing is a worldwide success story with proven high reliability and an unmatched price-performance ratio making it attractive for professional applications.

Technical Specifications

ORDER CODES	
MPi4 Box USB A	100015937
MPi4 Box USB C	100015938

PC CONFIGURATION	
CPU	Quad Core 64-bit ARM Cortex 72 (ARM v8) @ 1.5GHz, VideoCore IV GPU
RAM	4GB LPDDR4-3200 SDRAM
Mass Storage	32GB microSD card
Graphics (board)	Hardware video encode / decode H.265 (HEVC) (up to 4Kp60 decode), H.264 (up to 1080p60 decode, 1080p30 encode), OpenGL ES 3.0 graphics
Operating System	NEC MediaPlayer

CONNECTIVITY	
Interfaces	2 x USB 3.0; 2x USB 2.0 1 x RJ45 10 / 100 / 1000 Mbps 2 x microHDMI 1 x 4-pole stereo audio and composite video 1x USB Type C for power delivery

ELECTRICAL	
Power Consumption [W]	Idle: 7.5 Watt Max: 10 Watt

ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0-50

MECHANICAL	
Net Weight [Kg]	0.345
Gross Weight [Kg]	0.440
Net Dimensions (W x D x H) [cm]	10.43 x 13.0 x 27
Gross Dimensions (W x D x H) [cm]	16.0 x 11.8 x 10

ADDITIONAL FEATURES	
MPi4 Box A	1 x microHDMI to HDMI cable (1m), 1 x USB Type C to USB Type A power cable (0.5m)
MPi4 Box C	1 x microHDMI to HDMI cable (1m), 1 x USB Type C to USB Type C power cable (0.5m)
Compatibility	All NEC Large Format Displays with 10W USB power output
Cooling	passive
Warranty	3 Years warranty, additional services available

For additional pictures and Solutions overview, visit www.sharpnecdisplays.eu for details.

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