

MPU-1

High-end digital signage player



Extremely powerful for the most demanding installations

The MPU-1 is an extremely powerful media player designed for demanding installations with specific requirements for computing power, graphical power or a combination of both.

For a wide range of applications

The wide array of applications supported by the MPU-1 varies from large pixel spaces, (custom) real-time interactive applications or specific graphical (3D) acceleration.

Suited for single, dual or multi-head digital video outlets

The MPU-1 can be used for single, dual or multi-head digital video outlets and fits into a single, powerful one-on-one display configuration, a dual display configuration where a single media player unit drives both displays with high-quality video and channel compositions or a multi-head video or channel-synchronized wall setup where each outlet drives a part of the video wall pixel space.

Product specifications

MPU-1

General specifications

Supported resolutions	Up to 4K / up to 6x 1,920x1,200
Channel playback	Multi
Object playback	Multi primitives, interactive, real-time data, social
Audio	WebM, .ogg, vorbis, mp3
Target signage solution	X2O Premium
Video	WebM VP8/VP9 (8-12Mbit/s), MPEG-1, MPEG-2, MPEG-4, H.264, WMV/VC1 (MPEG-2 ES/PS/TS, MP4, MOV); 1080i/p @18-30Mbit/s, 25frps
Video streaming (decoding)	UDP, RTSP
Video capture (external input)	Multi
Image formats	bmp, (anim) gif, tiff, png, jpeg
Flash/PowerPoint	Native support
HTML5	Native support
Video synchronization	Yes
Matrix synchronization	Yes
Processor-Chipset	Intel Q87 chipset with i7-4790 (4x 3.6GHz)
GPU	Intel® HD Graphics 4600
Memory and storage	4GB DDR3-1600 / 500 GB HD
Network	1x Intel® I217LM Gigabit Network Connection
Video Output	2x DisplayPort
Interfaces	4x USB3, 1x VGA, 2x audio out, 1x mic input
Operating system	WES7 64bit
Fanless	No
Operating temperature	Indoor: 0-35°C
Relative humidity	10-90% (non-condensing)
Power	External 65W power supply
Dimensions (WxLxH)	185 x 175 x 34 mm
Warranty	2 years standard, extendable to 5 years (optional)

Last updated: 08 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.