

MPU-1 multi-head series

Media players for large video walls or multi video output display configurations



Versatile player

The MPU multi-head series is a collection of powerful media players which is suited for large video walls or multi video output display configurations. Designed for both high-performance computing and state-of-the-art graphical rendering on multiple video cards, the MPU multi-head series allows for multi-video playout, video stream decoding and networked video synchronization, complex multi-zone dynamic content rendering, quick real-time data as well as reliable audience-based interactivity.

Powerful, scalable, and future-proof

Matched with the X2O content management suite, the MPU multi-head series allows for cost-effective, powerful, scalable, and future-proof support of your display network.

Wide range of applications

With the MPU multi-head players you can choose from four, six, eight or twelve digital video outlets. The media players are suited for retail and advertising systems, interactive applications as well as networked video walls.

Product specifications

MPU-1 MULTI-HEAD SERIES

General specifications

Supported resolutions	MPU-4: 4x 1920x1200 MPU-6: 6x 1920x1200 MPU-8: 8x 1920x1200 MPU-12: 12x 1920x1200
Channel playback	Multi
Object playback	Multi primitives, interactive, real-time data, social
Audio	WebM .ogg vorbis, mp3
Target signage solution	X2O
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 streaming (encoding)	UDP, RTSP
Image formats	bmp, (anim) gif, tiff, png, jpeg
Flash/PowerPoint	Native support
HTML5	Native support
Video synchronization	Yes
Matrix synchronization	Yes
Processor-Chipset	MPU-4/MPU-6: Intel Xeon E3 3.4GHz chipset MPU-8/MPU-12: Intel Xeon E5 3.0GHz chipset
GPU	MPU-4: AMD Firepro W4300 MPU-6: Nvidia NVS510+NVS310 MPU-8/MPU-12: AMD Firepro W5100
Memory and storage	MPU-4/MPU-6: 8GB DDR4-2133 RAM / 500GB 7200 RPM SATA hard drive MPU-8/MPU-12: 64GB DDR4-2133 (8x8GB) 2 CPU Registered RAM / 500GB 7200 RPM SATA hard drive
Network	1x Intel® I217LM Gigabit Network Connection
Video Output	MPU-4/MPU-6: 4x/6x displayport 1.2 MPU-8/MPU-12: 8x/12x displayport 1.2
Interfaces	4x USB3, 6x USB2, 1x audio out, 1x audio in, 2x RS232, 2x PS/2
Operating system	WES7 64bit
Fanless	No
Operating temperature	Indoor: 10-55°
Relative humidity	20-80% (non-condensing)
Power	External 65W power supply
Dimensions (WxLxH)	338 x 379 x 100mm
Warranty	2 years standard, extendable to 5 years (optional)

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