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General Hardware Specification	Pandoras Box Compact Player R4		
Physical Dimensions	210mm x 44.4mm x 176.6mm (WxHxD)		
Weight	max. 3 kg		
Power Supply Voltage / Wattage	DC 19.5V / 120W with an external power supply unit		
Operating System	Windows 10		
USB Ports	3x USB 3.0 ports (1x front and 2x rear panel)		
1GbE Ethernetports	2		
WiFi	IEEE 802.11 ac/a/b/g/n		
Bluetooth	Bluetooth 4.0		
COM	1x D-Sub male DE-9 connector (RS-232)		
Audio	Optical S/PDIF output; stereo analog audio output and microphone input		
Certifications / Conformity	USA, Canada, Europe, UK, Hong Kong, Dubai, Japan, Singapore, Australia, New Zealand		
Hardware Configurations - Performance Kits	PK1	PK2	PK3
Processor	Intel i5	Intel i5	Intel i5
Hardware Capacity	480GB	960GB	1,9TB
System Memory	8GB	8GB	8GB
Graphics Card	Nvidia Quadro P1000		
HDMI 2.0 Outputs	4		
Render Outputs			
Render outputs	0, 1 or 2		
Maximum Number of Video Layers	4		
Maximum Number of Graphics Layers	Unlimited		
Maximum Number of Particle Systems per Layer (2D)	4		
Maximum Number of Effects per Layer	4		
Maximum Playback Resolution	Playback up to 4K possible; performance depends on codecs, compression (where applicable), etc.		
Accessories			
DMX Link In	OPTIONAL		
DMX Link Out	OPTIONAL		
SMPTE Link	OPTIONAL		
NET Link (I/O LINKS)	OPTIONAL		
Widget Designer (for interactive and sensor based applications)	OPTIONAL		
Pandoras Box Manager (CMS and Master Control Software)	OPTIONAL		

Key Features	Pandoras Box V6 Software
Realtime 2D Rendering	YES
Softedge	YES
Keystone	YES
Integrated Warp Functionality (editable mesh)	YES
Synchronized Video and Audio Playback across multiple machines	YES
Advanced EDID Management	YES
Aeon Effects Engine (realtime dynamic shader effects engine)	YES
FireFly Particle System (Realtime 2D Particle System)	YES
Playlist	YES
Art-Net based video pixels to DMX channel mapping	YES
Web Server	YES
Web Browser	YES
Multiscreen-Playback	YES
S3D Stereoscopy/ Active 3D/ Passive 3D/ Side by Side 3D	YES
FluidFrame (A frame blending algorithm that allows smooth cross conversion and can take any input and output frame rate)	YES
StreamiX	4
Media Encryption	Decryption
Base Parameter	
XY, scale, rotation, position, pivot	YES
Sequences in Master Mode	4
Network Control	YES
Recording (MPEG-2, frame accurate)	NO
Embedded Encoder	OPTIONAL
Media Format (recommended): Please keep in mind that different types of content will work better with different types of codecs.	TIFF, BMP Image Sequences, AVI uncompressed, DDS Image Sequences, DDSA Image Sequences, YCoCg Image Sequences, HAP, HAP Alpha, HAP Q, 4K MXL, MPEG-2
Audio	
ASIO Audio control	YES (with external audio card)
Number of ASIO Tracks in Software	4
Volume Control/Panning	YES
Synchronized playback on multiple machines.	YES
Technical Show Control Details	
Master/Client Ability (Master or Client)	YES
Synchronized Multiscreen Playback	YES
Video Engine	2D Render Engine
Global video effects on Output	YES
Remote Control (via Pandoras Box Manager)	YES
Sequence Control via SMPTE (SMPTE Master or Slave)	YES
Sequence Control via Art-Net	YES
Control via Art-Net	YES
Control via MA Net, Input only	YES
Control via SACN	YES
MIDI Show Control, Input only	YES
Control via RS-232/RS-422 send/receive (via Widget Designer / Spark)	YES
Thumbnail Exchange via CITP 1.0	YES
Programming of DMX Devices (via Art-Net or optional DMX-Link In/Out Device)	YES
Warper for 2D mapping (external and internal)	YES
Video Out via Matrix (Art-Net, parallel to DVI Output)	YES
3D Objects on Layers	YES
Supported 3D Object Formats	.3ds, .fbx, .obj, .x
Softedge on Outputs (left/right/top/bottom or via media)	YES
Keystone on Outputs, 16Bit, left/right/top/bottom (linearity)	YES