



PIXERA zero

Basic technical specifications

PIXERA zero

Technical product details



Product	PIXERA zero
Available models	PXZ-0 PXZ-2 PXZ-4
Art. Nr.	PXZ-BC
Physical	
Case Dimension (WxDxH)	210 x 265 x 89,3mm
Max. Product Dimension*	210 x 265 x 89,3mm
Product Weight	3,72kg
CPU/RAM	
CPU Type	Intel Xeon
CPU # of Cores / # of Threads	6 Core/ 12 Threads
CPU Min/Max Frequency	2,9/5,0GHz
RAM	32GB
RAM Channels used	2
Power	
Power Supply	100-240VAC, 50-60Hz
Power Consumption Peak	300W
Heat Dissipation Peak	1025BTU/h
System Storage NVMe	
Operating System Amount of Physical NVMe	1
Operating System Capacity (Net)	0.5TB
Data Storage NVMe (Optional)	
Data NVMe Capacity (Net)	1.92TB
Data NVMe max. Constant Read Rate	5GB/s
Uncompressed Content Playback	YES
Video Outputs	
Licensed Video Outputs	PIXERA Director 2 4
Physical Video Outputs	4

Video Output Standard	mDP1.4a
Video Output Resolution (Max.)	4096x2160@60Hz
EDID Management	Yes
Connection	
USB	1x USB3 Front, 2x USB3 Rear + 2x USB2 Rear
Network	2x 1Gbps
IPMI	1x IPMI LAN
Environmental Specifications - Operating	
Temperature (altitude less than 1000m, no direct sunlight)	10°C to 30°C
Maximum Temperature Gradation	10°C per hour
Temperature De-Rating (altitude more than 1000m)	Reduce max. temp. by 1°C per 300m
Maximum Altitude	3000m
Relative Humidity (noncondensing)	20% RH to 80% RH
Maximum Humidity Gradation	10% RH per hour
Environmental Specifications -Storage	
Temperature (no direct sunlight)	-30°C to 55°C
Maximum Temperature Gradation	20°C per hour
Relative Humidity (noncondensing)	5% RH to 95% RH
Maximum Humidity Gradation	10% RH per hour
General	
Warranty	2 years
Optional Warranty	Total 3 4 5 years

Software	
Software - OS	
Operating System	Windows 10 IoT x64
Software - PIXERA	
PIXERA Software License	PIXERA Director PIXERA Server
Vioso Software License	Optional
Layers	Unlimited
Playout	Unlimited
Local Editing	Yes, Not recommended during playback! (Via Video Outputs)
3D Visualisation	Yes (GUI Output recommended)
Network Master / Manager	Yes, Not recommended during playback! (Via Video Outputs)
Rendering (Output, Visu)	
PIXERA control	Yes

FHD	=	1920x1080, Uncompressed Datarate at 60fps	=	375MB/s
UHD	=	3840x2160, Uncompressed Datarate at 60fps	=	1,5GB/s
4K	=	4096x2160, Uncompressed Datarate at 60fps	=	1,6GB/s

- * Power Consumption Average with High Load = Tested with very high CPU, GPU and SSD workload
- * Heat Dissipation Average with High Load = Calculated with very high CPU, GPU and SSD workload
- * Not all configs possible = Not all configurations of video input, network, audio cards are possible. Please ask.
- * Max. Product Dimension = Product dimension incl. front handles, back handles, rubber bumpers, etc.
Handles can not be removed on all products!
- * Case Dimensions, Product Dimensions: Please note that due to the production process there may be deviations in the dimensions.

