



# PIXERA mini

Basic technical specifications

# PIXERA mini

Technical product details



Product	PIXERA mini
Available models	PIXERA mini Dual   Quad
Art. Nr.	PXM-2   PXM-4
<b>Physical</b>	
Case Dimension (WxDxH)	215 x 230 x 44,4mm
Max. Product Dimension*	PXM: 215 x 230 x 44,4mm   PSU: 63 x 190 x 41mm
Product Weight	PXM: 2,5kg   PSU: 0,6kg
Shipping Dimension	500 x 310 x 110mm
Shipping Weight	4,5kg
<b>Hardware</b>	
Server Grade Hardware Components	-
CPU Type	Intel Core i5
CPU Performance Index	-
CPU # of Cores / # of Threads	6/6
CPU Min/Max Frequency	2,8/2,8GHz
RAM	8GB
RAM Channels used	1
ECC RAM	-
Touch Display	-
<b>Power</b>	
Power Supply	100-240VAC, 50-60Hz
Power Consumption Peak	150W
Power Consumption Average with High Load*)	120W
Redundant Power Supply Hot-Plug	-
Heat Dissipation Peak	520BTU/h
Heat Dissipation Average with High Load*)	410BTU/h
<b>Operating System Storage</b>	
Operating System Amount of Physical SSDs	-
Operating System Capacity (Net)	-
Operating System RAID Level	-

<b>Data Storage SSD</b>	
Data SSD Amount of Physical Drives	-
Data SSD Capacity (Net)	-
Data SSD RAID Level	-
Data SSD Max. Read Rate	-
<b>Operating System + Data Storage NVMe</b>	
OS + Data NVMe Amount of Physical Drives	1
OS + Data SSD Capacity (Net)	500GB
OS + Data SSD RAID Level	-
OS + Data SSD max. Read Rate	900MB/s
<b>Data Storage NVMe</b>	
Data NVMe Capacity (Net)	Optional (1TB, 2TB)
Data NVMe Max. Read Rate	Optional (1,6GB/s)
Uncompressed Content Playback	-
Playback Duration Uncompressed Content (Single Stream)	-
<b>Video Outputs</b>	
Licensed Video Outputs	2   4
Physical Video Outputs	4 (4xFHD, or 1x4k)
Video Output Standard	mDP1.4
Video Output Resolution (Max.)	4096x2160 @60Hz
EDID Management	Yes
Genlock	-
Framelock	-
<b>GUI Outputs</b>	
GUI Outputs	-
GUI Output Standard	-
Max GUI Output Resolution	-
<b>Connection</b>	
USB	1x USB2 Front, 4x USB3 Rear
Network	2x 1Gbps
IPMI	-
<b>Video Inputs (Not all configs possible*)</b>	
DVI/RGB/YUV	-
HDMI	-
3G-SDI	-
<b>Audio Outputs (Not all configs possible*)</b>	
Analog Unbalanced	Stereo (3,5mm TRS)
Analog Balanced	-
SPDIF	-
AES/EBU	-
ADAT	-
MADI	-
MIDI	-
<b>Environmental Specifications - Operating</b>	
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
<b>Environmental Specifications -Storage</b>	
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
<b>General</b>	
Warranty	2 years
Optional Warranty	Total 3   4   5 years

<b>Software</b>	
<b>Software - OS</b>	
Operating System	AV Stumpfl Media Server OS*
<b>Software - PIXERA</b>	
PIXERA Software License	PIXERA Server
Vioso Software License	Optional (Autocal, Autocal Plus)
Layers	Unlimited
Playout	Unlimited
Local Editing	Yes, Not recommended during playback! (Via Video Outputs)
3D Visualisation	Yes, Not recommended during playback! (Via Video Outputs)
Network Master / Manager	Yes
Rendering (Output, Visu)	Yes, Not recommended during playback! (Via Video Outputs)
Avio Free License and Avio Manager	Yes
With every new media server, you get free software updates until Dec. 2020	

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.
- \* AV Stumpfl Media Server OS = Based on Windows embedde/loT x64
- \* 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.

