



# **MC-C2KXE**    Multimedia Server

**Specification V3.0**

**Shenzhen Mooncell Electronics Co., Ltd**

# **1 Product Overview**

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## **Product Introduction**

**MC-C2KXE is the latest multimedia playback and control server developed by Mooncell. It**

**utilizes a high-performance processor paired with a professional and stable industrial**

**motherboard. It can support two 4K@60Hz video signal outputs.**

**Combined with the MC-C2 multimedia “playback and control” software, it offers features such as creative splicing of the led display, decoding of ultra-high resolution video, and device status monitoring.**

**It can achieve pixel-to-pixel display for two 4K large screens and support various splicing of irregular screens, greatly meeting the playback and control requirements of various projects.**

## **Application Scenarios**

**MC-C2KXE multimedia server can fully meet the high-definition application requirements of command and dispatch centers, conference reporting centers, exhibition display centers, data**

**operation and maintenance centers, broadcasting and television centers, and other scenarios. With its powerful capabilities and advanced features, MC-C2K is suitable for applications that demand**

superior image quality and performance. It provides seamless integration, reliable operation, and efficient management of multimedia content in various professional environments, ensuring a high-quality visual experience and facilitating effective communication and information dissemination.

## **2 Functions Introduction**

- The stand-alone version supports up to 2 channels of Mini DP output, and the maximum
- resolution of a single channel is 4096 \* 2160.
- Allows arbitrary rotation of images and splicing of displays at different shapes and angles.
- Enables playback of various content including videos, images, text, and PPT.
- Supports virtual screens and screen division for splicing.
- Provides scheduling for timed playback.
- Offers pre-viewing of playback content and real-time monitoring of device output.
- Supports external signal acquisition through NDI and capture cards (optional).
- Facilitates setting power on/off scripts for automatic control of playback.
- Provides optional iPad visual control for centralized management and quick operation of
- devices in the exhibition hall .
- Supports central control protocol for scene switching and screen

**playback.**

- **Equipped with a built-in wireless network card for direct WiFi connectivity**

# **3 Product Specifications**

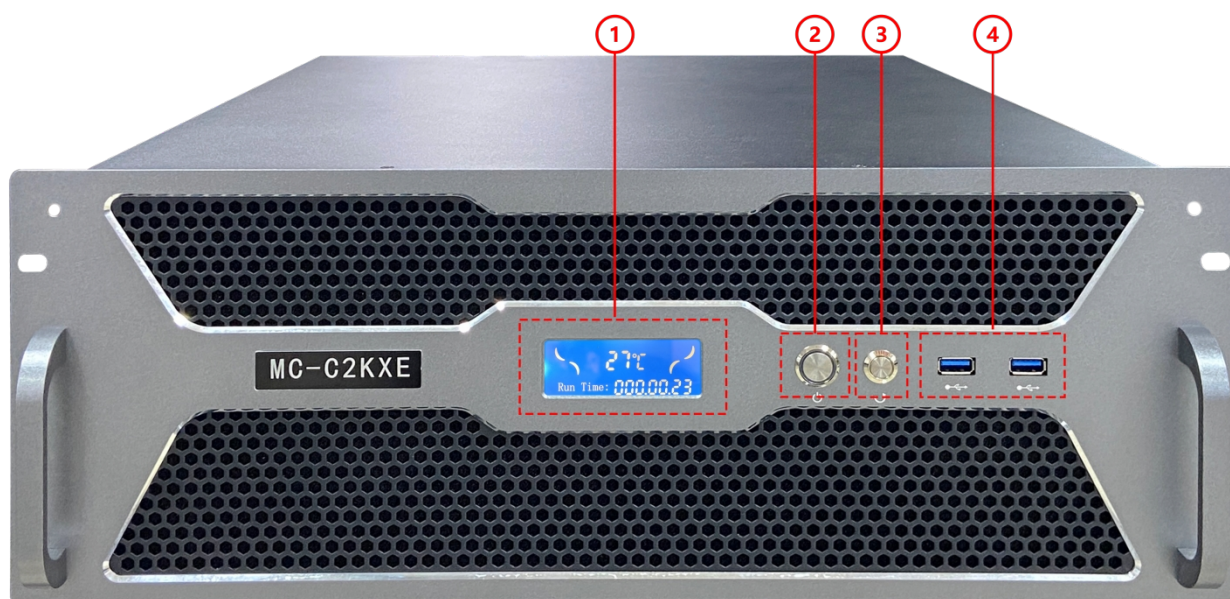
## **Hardware Introduction**

Product Name	Multimedia Server(Control and Display Integrated)
Product Model	MC-C2KXE
Hardware Output	Mini DPx2
Graphics Card	NVIDIA Professional Graphics Card
Capturing Card (Optional)	HDMI/SDI Interface
CPU	Intel i5-10400@2.9Ghz
Memory	8G DDR4
Hard Drive Memory	500GB M.2 SSD
Power	500W
Chassis	4U (Industrial Server Chassis)
Operating System	Windows 10 Professional
Playback and Control System	MC-C2 Software (System)

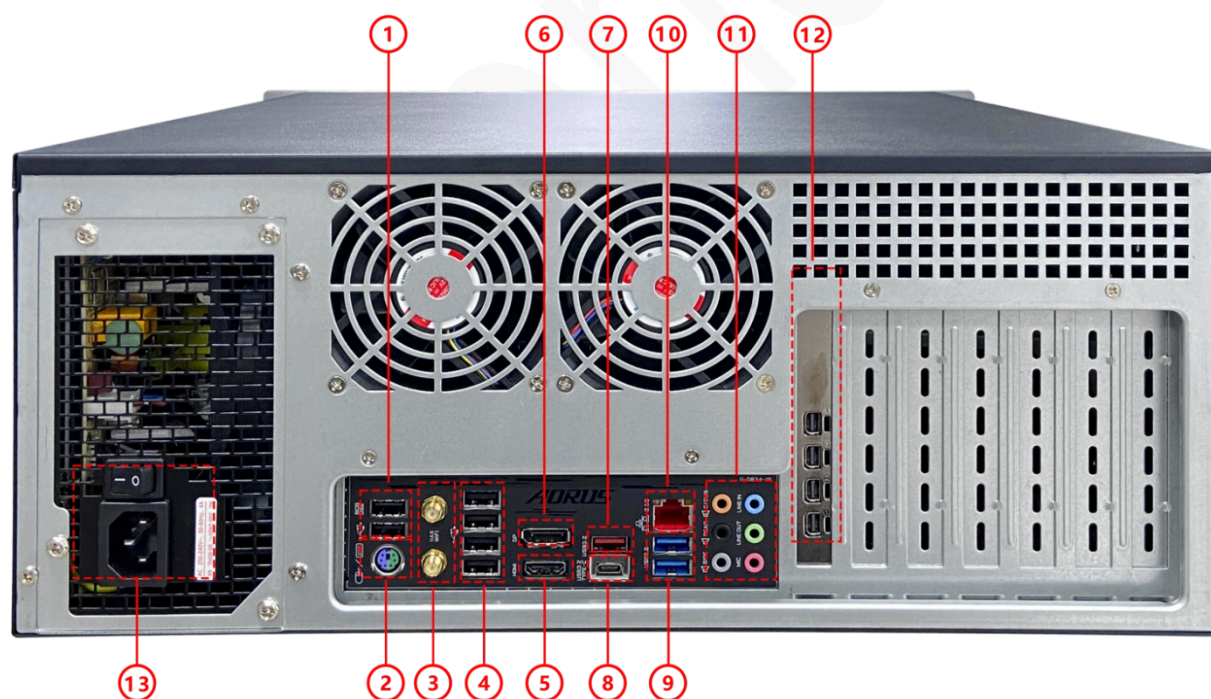
### **Front Panel Illustration**

#	Name	Illustration
1	2.9inch LCD Display	To display the running time and temperature of the machine
2	Power Switch	Power On/Off
3	Power Restart	Restart the device
4	USB	2xUSB3.0 Ports

## Front Panel



## Rear Panel





Rear Panel Illustration		
#	Name	Illustration
1	USB	2xUSB2.0 Ports
2	PS/2	PS/2 Keyboard&Mouse Port
3	SMA	SMA Antenna Interface
4	USB	4xUSB2.0 Ports
5	HDMI	1xHDMI Output Interface
6	DP	1xDP Output Interface
7	USB	1xUSB 3.2 Gen 2 Tyoe-A Interface
8	Type-C	1xUSB Type-C Interface
9	USB	2xUSB 3.2 Gen 1 Interface
10	RJ-45	1xRJ-45 Ethernet Port
11	AUDIO Interface	Audio Input and Output Ports for Channels and Microphones
12	Mini DP	4xMini DP Output Ports
13	Power	AC 200-240V Power Interface and Switch



# 4 Product Parameters

## Parameters

Electrical Parameters	Input Voltage	AC 200-240V 50/60Hz
	Power	500W
Working Environment	Temperature	0°C~45°C
	Humidity	0%RH~80%RH, No Condensation
Storage Environment	Temperature	-10°C~+60°C
	Humidity	0%RH~95%RH, No Condensation
Device Information	Chassis	4U Industrial Server Chassis
	Dimensions	482 (Width) mmx500(Depth)mmx177.6 (Height) mm
	Net Weight	12Kg

## Precautions:

- **High Voltage Hazard:** This product operates at AC -100V~240V.
- **Do not allow liquids, metal fragments, or other conductive objects to enter the device to prevent safety accidents.**
- **Please use the equipment in a dry and clean environment.**

## Dimensional Drawing of Appearance

