MC-C2KX Multimedia Server

Specification V3.1

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

- Supports up to 4 DP outputs on a single machine, with a maximum resolution of 4096x2160 for a single channel, and 2 Integrated Graphics Card Outputs.

- 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

Basic Specifications

Product Name	Multimedia Server(Control and Display Integrated)
Product Model	MC-C2KX
Hardware Output	DP1.2x4； 2x Integrated Graphics Cards for Output
Graphics Card	NVIDIA Professional Graphics Card
Capturing Card（Optional）	HDMI/SDI Interface
CPU	Intel i7-11700k@3.6Ghz
Memory	16G DDR4
Hard Drive Memory	1TB M.2 SSD
Power	650W
Chassis	4U (Industrial Server Chassis)
Operating System	Windows 10 Professional
Playback and Control System	MC-C2 Software (System)

Hardware Introduction

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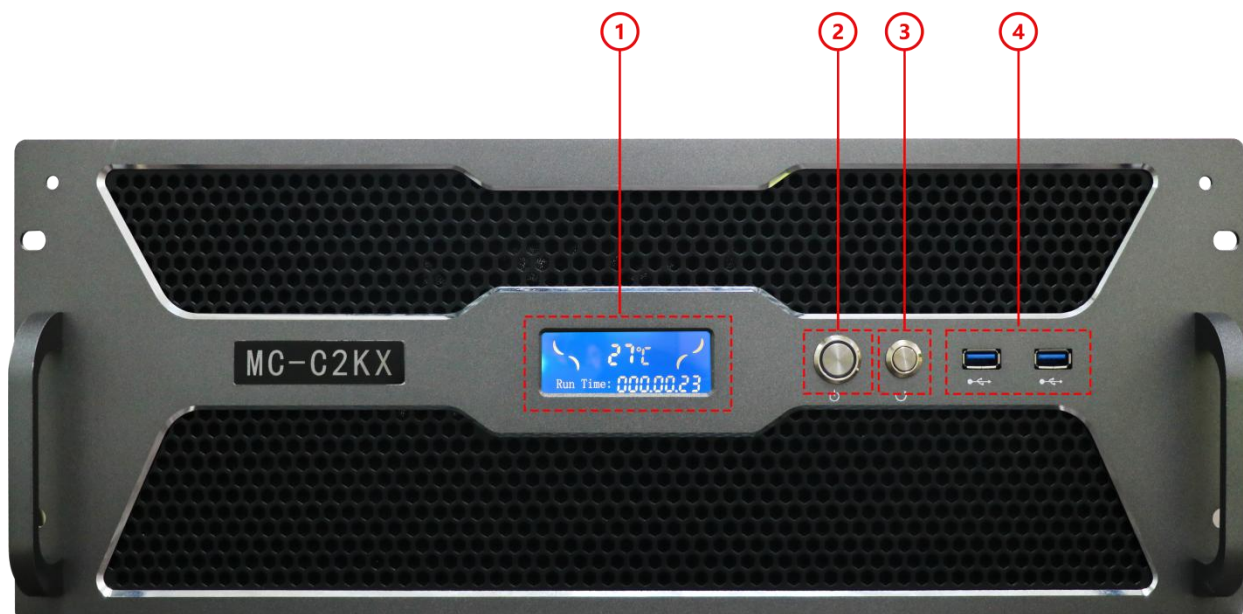
Front Panel Illustration		
#	Name	Illustration
1	2.9inch LCD Display	To display the running time and temperature of the machine
2	Power Switch	Power On/Off
3	Power Restart	Restart the device
4	USB	2xUSB3.0 Ports

Rear Panel
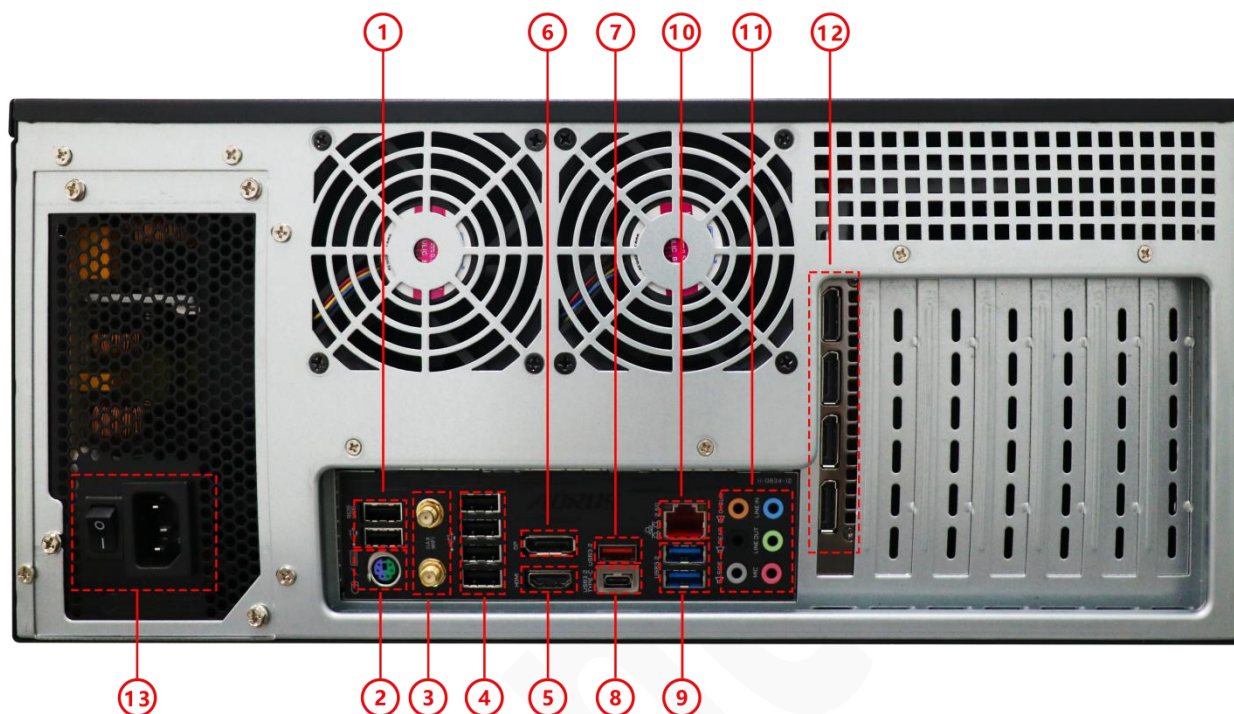
Rear Panel Illustration		
#	Name	Illustration
1	USB	2xUSB2.0 Ports
2	PS/2	PS/2 Keyboard&Mouse Port
3	SMA	SMA Antenna Interface
4	USB	4xUSB2.0 Ports
5	HDMI	1xHDMI Output Interface
6	DP	1xDP Output Interface

7	USB	1xUSB 3.2 Gen 2 Type-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	DP	4xDP Output Ports
13	Power	AC 200-240V Power Interface and Switch

4 Product Parameters

Electrical Parameters	Input Voltage	AC 200-240V 50/60Hz
	Power	650W
Working Environment	Temperature	0℃～45℃
	Humidity	0%RH～80%RH，No Condensation
Storage Environment	Temperature	-10℃～+60℃
	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	12.25Kg

Dimensional Drawing of Appearance
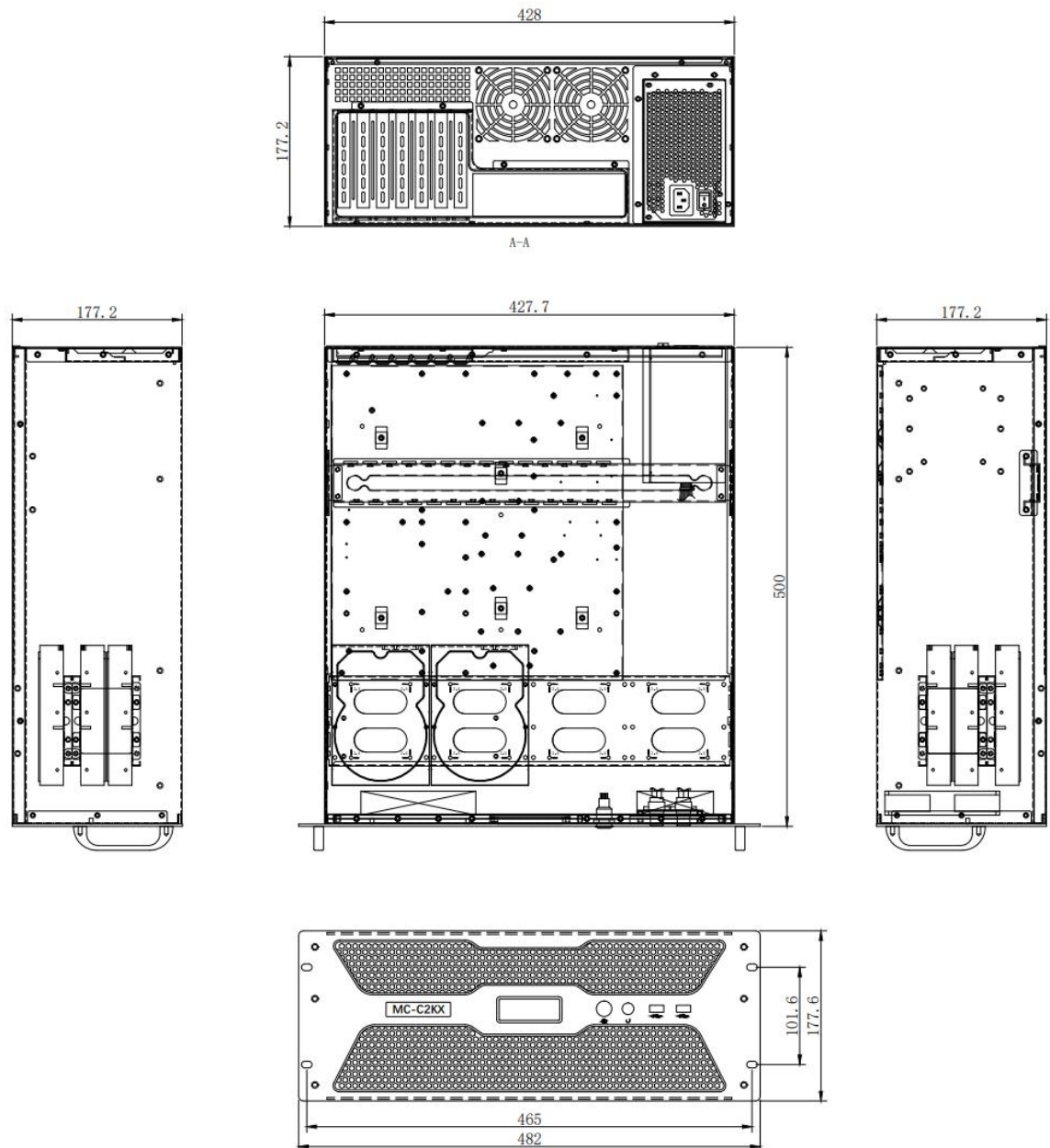
Precautions:

- **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.**