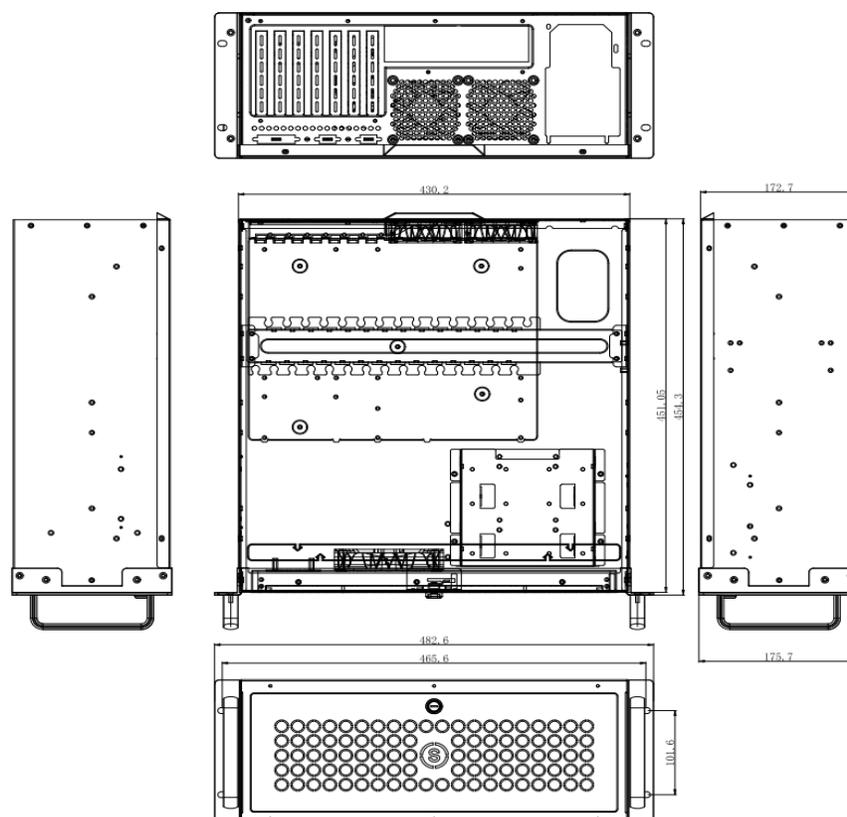# ZXP390 G2 Main Controller DMX/RDM

ZXP390 G2 Main Controller DMX/RDM is an industrial-grade computer based on TCP/IP communication protocol network architecture. It's designed for large scale DMX512/RDM lighting control projects. It supports multiple control systems for single and multiple buildings. It can control up to 6,000 DMX universes and equipped with operating system and intuitive user interface lighting control and management software.

Key Features

- Industrial design for long-term operation
- Can control up to 6,000 DMX universes
- Stable signal transmission
- Customizable hardware interface
- Supports unattended operation and remote control
- Supports power-on startup and scheduled timing start
- Supports automatic scenes playback and scheduling
- Two RJ45 network interfaces (100/1000M adaptive)
- Supports upgrading devices firmware over the network

Rev. 20251111

Product Data

Product Family	Main Controller
Dimensions (L x W x H)	482.6mm x 454.3mm x 175.7 mm
CPU	Intel Core i5-9500 6C 3.0GHz
RAM Memory	16GB
Hard Disk Capacity	512GB SSD
GPU	GT730
Ethernet Adapter	10/100/1000Mbps
Housing	Aluminum
Color	Black
Input Voltage	220-240VAC, 50~60Hz
Rating Power	140W
IEC Classification	Class I
Communication Protocols	TCP/IP Art-Net
Distance to Sub-controller	Max 100m (through Cat 5e cables)
Number of Universes	Up to 6,000
Net Weight	10.5 Kg
Temperature Range	-20°C to 45°C
Humidity Range	10 to 90% (no condensation)
Protection Rating	IP20
Certifications	CB，EMC
Warranty	3 Years

Order Information

12NC	Description
911401904402	ZXP390 G2 Main Controller DMX/RDM

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Network Topology

Main Controller

Ethernet cable

Switch

Sub-Controller

IN

OUT

Sub-Controller

Sub-Controller

Luminaires

DMX Amplifier

DMX Amplifier

DMX Amplifier

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