

# LUCIDITY

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Visual Solutions



## WBC110 Video Wall Controller Datasheet

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**THE ULTIMATE VISUAL SOLUTIONS  
FOR ALL REQUIREMENTS.**

**WBC110**

**LUCIDITY**



**Specifications**

<b>Processor</b>	i7-12700 4.9Ghz 12 Cores / 20 Threads
<b>Chipset</b>	R680E
<b>RAM</b>	32GB DDR5 (MAX 64GB)
<b>Storage</b>	RAID1 SSD 240GB Hot Swappable
<b>Ethernet</b>	2x 10/100/1000 Gbps
<b>Power Supply</b>	800W RPSU / 100-240V 50-60Hz
<b>OS</b>	Windows 10 IoT LTSC 2021
<b>Card Capacity</b>	11 + up to four expansion racks for a total of 51x expansion slots
<b>Rack Profile</b>	4U
<b>Dimensions</b>	430 x 546 x 176mm
<b>Output Cards</b>	(output card types cannot be mixed in one system)
<b>DP-OUT-HDMI4-HD-1</b>	4x HDMI 2560x1600 @ 60Hz or 2x 3840x2160 @ 60Hz or 1x 3840x2160 @ 60Hz and 3x 1920x1080 @ 60Hz
<b>DP-OUT-HDMI4-4K-1</b>	4x HDMI 3840x2160 @ 60Hz
<b>Input Cards</b>	
<b>DP-IN-HDMI4-1</b>	4x HDMI Inputs - Channels 1 & 3: 2x3840x2160p @30 fps Channels 2 & 4: 2x1920x1080p @60 fps
<b>DP-IN-DVI4-1</b>	4x DVI Inputs - Channels 1 & 3: 2x3840x2160p @30 fps Channels 2 & 4: 2x1920x1080p @60 fps
<b>DP-IN-HDMI2-4K-1</b>	2x HDMI @ 4096x2160p at 60Hz
<b>DP-IN-DP2-4K-1</b>	2x Display Port @ 4096x2160p at 60Hz
<b>DP-IN-IP12-1</b>	Up to 3x4096x2160p @ 30fps or 6x1920x1080p @ 60fps / 12 x 1080p @ 30 fps or 10 x 1080i @ 30fps / 50+ D1 @ 30 fps
<b>DP-IN-IP12-H265-1</b>	Up to 3x4096x2160p @ 30fps or 6x1920x1080p @ 60fps / 12 x 1080p @ 30 fps or 10 x 1080i @ 30fps / 50+ D1 @30 fps, H265 and H264
<b>DP-IN-SD8-1</b>	8x SD-BNC 720 x 576 x 16bit

**Note:** Specifications subject to change. Upgrades available.