

# LUCIDITY

Developed by  **ULTIMATE**  
Visual Solutions



## WBC70-W3 Video Wall Controller Datasheet

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FOR ALL REQUIREMENTS.**

## WBC70-W3 LUCIDITY



### Specifications

<b>Processor</b>	Xeon W3-2435 3.1GHz 8-Core / 16 Threads	
<b>Chipset</b>	W790	
<b>RAM</b>	128GB ECC DDR5 (MAX 2TB)	
<b>Storage</b>	RAID1 SSD 240GB Hot Swappable	
<b>Ethernet</b>	Dual 10GB LAN	
<b>Power Supply</b>	800W RPSU / 100-240V 50-60Hz	
<b>OS</b>	Windows 10 IoT LTSC 2021 or Windows 11 IoT Enterprise depending on card types	
<b>Card Capacity</b>	6 or 7 depending on card types	
<b>Rack Profile</b>	4U	
<b>Dimensions</b>	430 x 546 x 176mm	
<b>Output Cards</b>		
<b>MNL-OUT-MDP4-4K-LP-1</b>	4x Mini-DisplayPort @ 5K 60Hz or 2x Mini-DisplayPort @ 8K 60Hz or 2x Mini-DisplayPort @ 5K 120Hz Supplied with 4x Mini DP to HDMI adapters, supporting 4K@60Hz	24x HD@30Hz RTSP stream decodes
<b>MNL-OUT-DP4-4K-1</b>	4x Display Port @ 5K 60Hz or 2x Display Port @ 8K 60Hz or 2x Display Port @ 5K 120Hz	32x HD@30Hz RTSP stream decodes
<b>MN-OUT-HDMI4-4K-1 MN-OUT-DP4-4K-1</b>	4x HDMI or Display Port @ 4096x2160 60Hz HDMI or Display Port to be confirmed with order Maximum of 4 output cards per system	
<b>NV-OUT-DP4-4K-1</b>	4x MDP with full size DP adaptors (HDMI / DVI available) 4x 5K 5120x2880 @ 60Hz 4x 4K 3840x2160 @ 120Hz	
<b>Input Cards</b>	(not all input cards are compatible with all output cards, please contact UVS for your config)	
<b>MN-IN-HDMI4-1</b>	4x Mini HDMI 3840x2160@30Hz – mini HDMI to HDMI adapters provided	
<b>MN-IN-HDMI4IP12-1</b>	4x Mini HDMI 3840x2160@30Hz / up to 16x HD IP streams – shared resource e.g. 4x HDMI + 12x HD IP RTSP H264 streams	
<b>MN-IN-HDMI4IP12ENC-1</b>	4x Mini HDMI 3840x2160@30Hz / up to 16x HD IP streams. With encoding. Encoding uses same resources as the decoding, so if encoding 2xHD and 4x Inputs then only 10x Decodes allowed	

**Note:** Specifications subject to change