

# LUCIDITY

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## WBC10-W3 Video Wall Controller Datasheet

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**WBC10-W3 LUCIDITY**



**Specifications**

<b>Processor</b>	Xeon W3-2423 2.1GHz 6-Core / 12 Threads
<b>Chipset</b>	W790
<b>RAM</b>	64GB ECC DDR5 (MAX 2TB)
<b>Storage</b>	RAID1 SSD 240GB Hot Swappable
<b>Ethernet</b>	1x 10Gb and 1x 2.5Gb Ethernet Ports
<b>Power Supply</b>	800W RPSU / 100-240V 50-60Hz
<b>OS</b>	Windows 11 IoT Enterprise
<b>Card Capacity</b>	5x Low Profile
<b>Rack Profile</b>	2U
<b>Dimensions</b>	430 x 450 x 88mm
<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 20x HD@30Hz RTSP stream decodes
<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

**Note:** Specifications subject to change

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## WBC50 Video Wall Controller Datasheet

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**WBC50**

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### Specifications

<b>Processor</b>	Xeon W3-2423 2.1GHz 6-Core / 12 Threads	
<b>Chipset</b>	W790	
<b>RAM</b>	64GB ECC DDR5 (MAX 2TB)	
<b>Storage</b>	RAID1 SSD 240GB Hot Swappable	
<b>Ethernet</b>	1x 10Gb and 1x 2.5Gb Ethernet Ports	
<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>	5 or 4 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	20x 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	20x 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

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## WBC70-W3 Video Wall Controller Datasheet

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## WBC70-W3 LUCIDITY



### Specifications

<b>Processor</b>	Xeon W5-3425 3.2Ghz 12 Core / 24 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>	1200W 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	20x 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	20x 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

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## WBC110 Video Wall Controller Datasheet

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**WBC110**

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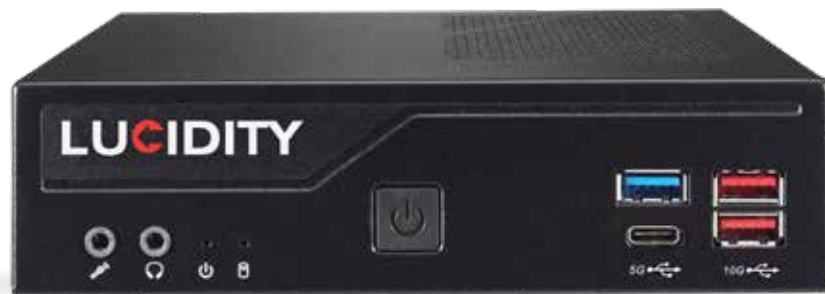
### Specifications

<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.

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## WBD103 Video Wall Controller Datasheet

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**WBD103**

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### Specifications

<b>Processor</b>	I5 13500 2.5GHz 14 Cores / 20 Threads
<b>Chipset</b>	H670
<b>RAM</b>	32GB DDR4 (MAX 64GB)
<b>Storage</b>	256GB SSD
<b>Ethernet</b>	2x 2.5Gb Ethernet Ports
<b>Power Supply</b>	120W / 19V External PSU
<b>OS</b>	Windows 11 Professional
<b>Dimensions</b>	190 x 165 x 43mm (Includes Wall Mount VESA bracket)
<b>Outputs</b>	2x HDMI v2.0b and 2x DisplayPort v1.4 supporting up to 3840x2160@60Hz (provides for the display of a limited number of IP streams)

**Note:** Specifications subject to change