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WBC50 Video Wall Controller Datasheet

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FOR ALL REQUIREMENTS.**

WBC50

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Specifications

Processor	Xeon W3-2423 2.1GHz 6-Core / 12 Threads	
Chipset	W790	
RAM	64GB ECC DDR5 (MAX 2TB)	
Storage	RAID1 SSD 240GB Hot Swappable	
Ethernet	1x 10Gb and 1x 2.5Gb Ethernet Ports	
Power Supply	800W RPSU / 100-240V 50-60Hz	
OS	Windows 10 IoT LTSC 2021 or Windows 11 IoT Enterprise depending on card types	
Card Capacity	5 or 4 depending on card types	
Rack Profile	4U	
Dimensions	430 x 546 x 176mm	
Output Cards		
MNL-OUT-MDP4-4K-LP-1	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
MNL-OUT-DP4-4K-1	4x Display Port @ 5K 60Hz or 2x Display Port @ 8K 60Hz or 2x Display Port @ 5K 120Hz	20x HD@30Hz RTSP stream decodes
MN-OUT-HDMI4-4K-1 MN-OUT-DP4-4K-1	4x HDMI or Display Port @ 4096x2160 60Hz HDMI or Display Port to be confirmed with order Maximum of 4 output cards per system	
NV-OUT-DP4-4K-1	4x MDP with full size DP adaptors (HDMI / DVI available) 4x 5K 5120x2880 @ 60Hz 4x 4K 3840x2160 @ 120Hz	
Input Cards	(not all input cards are compatible with all output cards, please contact UVS for your config)	
MN-IN-HDMI4-1	4x Mini HDMI 3840x2160@30Hz - mini HDMI to HDMI adapters provided	
MN-IN-HDMI4IP12-1	4x Mini HDMI 3840x2160@30Hz / up to 16x HD IP streams - shared resource e.g. 4x HDMI + 12x HD IP RTSP H264 streams	
MN-IN-HDMI4IP12ENC-1	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