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WBC10-W3 Video Wall Controller Datasheet



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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 11 IoT Enterprise
Card Capacity	5x Low Profile
Rack Profile	2U
Dimensions	430 x 450 x 88mm
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 24x HD@30Hz RTSP stream decodes
NV-OUT-DP4-4K-1	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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WBC30 Video Wall Controller Datasheet



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Specifications

Processor	I9 13900K 3.0Ghz 24 Cores / 32 Threads	
Chipset	Z790	
RAM	32GB DDR5 (MAX 256GB)	
Storage	RAID1 SSD 240GB Hot Swappable	
Ethernet	2x 2.5Gbps LAN, Intel Wi-Fi 6E	
Power Supply	600W RPSU / 100-240V 50-60Hz	
OS	Windows 10 IoT LTSC 2021 or Windows 11 IoT Enterprise depending on card types	
Card Capacity	3	
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	24x 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	32x 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

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WBC50 Video Wall Controller Datasheet



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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	24x 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	32x 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

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WBC70-W3 Video Wall Controller Datasheet



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Specifications

Processor	Xeon W5-3425 3.2Ghz 12 Core / 24 Threads	
Chipset	W790	
RAM	128GB ECC DDR5 (MAX 2TB)	
Storage	RAID1 SSD 240GB Hot Swappable	
Ethernet	Dual 10GB LAN	
Power Supply	1200W RPSU / 100-240V 50-60Hz	
OS	Windows 10 IoT LTSC 2021 or Windows 11 IoT Enterprise depending on card types	
Card Capacity	6 or 7 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	24x 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	32x 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

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WBC90 Video Wall Controller Datasheet



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Specifications

Processor	i7-12700 4.9Ghz 12 Cores / 20 Threads
Chipset	R680E
RAM	32GB DDR5 (MAX 64GB)
Storage	RAID1 SSD 240GB Hot Swappable
Ethernet	2x 10/100/1000 Gbps
Power Supply	600W RPSU / 100-240W 50-60Hz
OS	Windows 10 IoT LTSC 2021
Card Capacity	9 + up to four expansion racks for a total of 41x expansion slots
Rack Profile	4U
Dimensions	430 x 546 x 176mm
Output Cards	(output card types cannot be mixed in one system)
DP-OUT-HDMI4-HD-1	4x HDMI 2560x1600 @ 60Hz or 2x 3840x2160 @ 60Hz or 1x 3840x2160 @ 60Hz and 3x 1920x1080 @ 60Hz
DP-OUT-HDMI4-4K-1	4x HDMI 3840x2160 @ 60Hz
Input Cards	
DP-IN-HDMI4-1	4x HDMI Inputs - Channels 1 & 3: 2x3840x2160p @30 fps Channels 2 & 4: 2x1920x1080p @60 fps
DP-IN-DVI4-1	4x DVI Inputs - Channels 1 & 3: 2x3840x2160p @30 fps Channels 2 & 4: 2x1920x1080p @60 fps
DP-IN-HDMI2-4K-1	2x HDMI @ 4096x2160p at 60Hz
DP-IN-DP2-4K-1	2x Display Port @ 4096x2160p at 60Hz
DP-IN-IP12-1	Up to 3x4096x2160p @ 30fps or 6x1920x1080p @ 60fps / 12 x 1080p @ 30 fps or 10 x 1080i @ 30fps / 50+ D1 @ 30 fps
DP-IN-IP12-H265-1	Up to 3x4096x2160p @ 30fps or 6x1920x1080p @ 60fps / 12 x 1080p @ 30 fps or 10 x 1080i @ 30fps / 50+ D1 @30 fps, H265 and H264
DP-IN-SD8-1	8x SD-BNC 720 x 576 x 16bit

Note: Specifications subject to change. Upgrades available.

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WBC110 Video Wall Controller Datasheet



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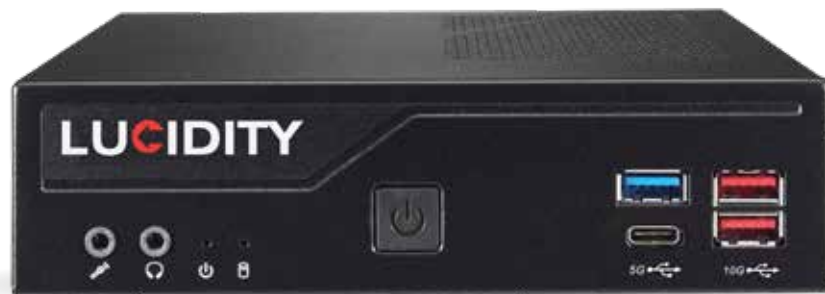
Specifications

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

Processor	I5 13500 2.5GHz 14 Cores / 20 Threads
Chipset	H670
RAM	32GB DDR4 (MAX 64GB)
Storage	256GB SSD
Ethernet	2x 2.5Gb Ethernet Ports
Power Supply	120W / 19V External PSU
OS	Windows 11 Professional
Dimensions	190 x 165 x 43mm (Includes Wall Mount VESA bracket)
Outputs	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