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Developed by **UVS** **ULTIMATE**
Visual Solutions



WBC90 Video Wall Controller Datasheet



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

WBC90

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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.