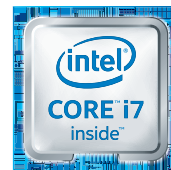# ::Seneca

SENECA VWC-PLUS VIDEO WALL CONTROLLER
Streams Up To 28 Video Inputs/Outputs

The Seneca VWC-Plus Video Wall Controller is the next generation of video wall controllers offered by Seneca®. This controller has the unique ability to offer best-in-class performance while maintaining the versatility to accommodate any of your A/V integration needs. Powered by the 6th generation Intel® Core™ i7 Processor Extreme Edition, this video wall controller has the power and stability crucial to the mission-critical installations of an A/V professional. True 4K display, 7.1 surround sound, analytic capture, and a quiet and cool design are just a few of the many benefits this appliance has to offer.

intel CORE i7 inside™

SPECIAL FEATURES AND BENEFITS

- Up to 32 independent Full HD outputs video in a single box
- Convenient 4U chassis easily converts to a tower
- Accommodates 4 Full-length GPU with only a 20" depth
- Tuned OS, Custom BIOS and balanced drivers ensure best-in-class performance
- AMD Firepro+Sync, Matrox Mura, and Nvidia Quadro+Sync Certified
- Quiet and cool design
- Ideal solution for video wall, control room, sports center and military installations
- Turnkey options for fast and easy integration

Up to 32 independent video outputs

True 4K capable

Certified and validated with Industry leading ISV's

Ideal for video walls and control rooms
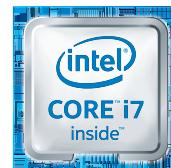
SENECA VWC-PLUS VIDEO WALL CONTROLLER
P/N: VWC-PLUS

SYSTEM

Processor	6th gen Intel® Core™ i7-6950X Processor Extreme Edition 4.0GHz 6th gen Intel® Core™ i7-6900X Processor 4.0GHz 6th gen Intel® Core™ i7-6850X Processor 3.8GHz 6th gen Intel® Core™ i7-6800X Processor 3.6GHz
Operating System	Windows 10 Professional
Manufacturer	Seneca®
Graphics	Validated Discrete GPU options from AMD,® Matrox,® and NVIDIA®
Displays Capability	Up to 32 Displays
Single Monitor Media Playback	4K; 2160p^{60fps}
Multiple Monitor Media Playback	28 × 4K; 2160p^{60fps}
Orientation	Landscape and Portrait Capable
Video Output	Validated Discrete GPU options from AMD,® Matrox,® and NVIDIA®
Audio	Onboard 5.1 Surround Sound. (7.1 optional)
Storage	1TB HDD (Up to 24TB); M.2 × 1
Optical Drive	24× DVDRW (optional BluRay)
Memory	Up to 128GB DDR4 2133MHz
Connectivity	**LAN 1:** Intel® I210-AT, Gigabit LAN Controller **LAN 2:** Intel® I218LM, Gigabit LAN Dual interconnect between the Integrated Media Access Controller (MAC) and Physical Layer (PHY)
USB	12 × USB 2.0 (2 front, 10 back)
Expandability	2 × RJ45 32Gb/s M.2 x4 Speed 2 × eSATA 6Gb/s Q-Code logger/USB BIOS Flashback 1 × S/PDIF Optical 8-Channel audio with DTS Dual 10Gb/s SATA Express
Expansion Slot	7 × PCIe 3.0/2.0 x16 (single x16; dual x16/x16; triple x16/x16/x16; quad x16/x16/x16/x16; seven x16/x8/x8/x8/x8/x8/x8)
RAID	RAID 0, 1, 5, 10
Warranty	5 Year Depot Warranty NBD Parts Replacement (Optional)

MECHANICALS

Power Supply	Up to 1600W 80+ Platinum Power Supply (Redundant Power Optional)
Power Draw	140W TDP; Up to 1600W at high-end configs
Bays	3 × 5.25" External 4 × 3.5" Internal 1 × Slim ODD
Cooling	1 × 70mm fan; 2 × 80mm fans; 3 × 120mm fans
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-20 ~ 80°C (-4 ~ 176°F)
Operating Humidity	5 ~ 90% Relative Humidity, Non-condensing
Storage Humidity	0 ~ 90% Relative Humidity, Non-condensing
Dimensions (w x h x d)	16.9 × 6.9 × 21.5 inches / 429 × 175 × 546 millimeter

Five Years Out

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