

### TECHNICAL SPECIFICATIONS

#### Outputs

- Up to 96 Full-HD outputs
- 6/12 ports per slot
- Up to 8K per output
- HDR support
- HDMI/DVI/DP interfaces

#### Inputs

- Up to 8 x Full-HD ports per card  
or 4 x 4K
- Digital - DVI/HDMI/3G-SDI
- 1080p60 or 1920x1200p60
- UHD (4K) capture support
- Video over IP (unicast/multicast)
- Stored content playback
- Remote Desktop over IP

#### Video Processing

- Video (MPEG-2/4, H264/5, VC1)
- Up/Down Scaling, cropping
- Post Processing
- High Resolution 2D/3D Images

#### INFORMATION

For more information on any of our products or services please contact:

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[www.nvusystems.com](http://www.nvusystems.com)

The Vista2020 is an advanced video and data wall controller that offers High-availability solution for today's most challenging requirements of Command and Control rooms. It provides multi-window large display of any situational visual information.

The Vista 4U rack mount, Industrial Server is built of the latest processing and graphics technologies with full redundancy. It addresses mission critical environment that requires extensive media processing and monitoring of multiple diverse sources, connected directly or via networks, while supporting all common formats and IP protocols.

Vista architecture is based on powerful dual Scalable processors to combine the benefits of highest A/V quality, along with greatest flexibility and port densities to provide ease of installation, operation and maintenance.



## Features and Benefits

- Industrial grade Server in 4U chassis
- High availability – Redundant supplies, fans and network
- Based on Windows 10 Pro, 64bit OS
- Multiple and flexible display configurations
- High density I/O cards in 11 slots
- High resolution 4k and 8K HDR
- Carousel and preset looping
- Multi – wall operation
- IP Stream out of area of interest
- Open XML API for platform monitoring and control
- Remote user control PC, Tablet
- IT level of authentication and security



### Main Chassis

- Rackmount 19", 4U Chassis
- Redundant, hot-swap 800w supplies
- Dual Scalable Xeon, multi-core processors
- 240GB SSD in RAID 0,1,5,10 @ SATA 3.0
- High bandwidth 64GB DDR4 RAM
- 11 x PCIe 3.0 I/O slots
- 2 x RJ45 10GbE LAN ports
- 4 x USB2.0 + 2 x USB3.0
- Dimensions: 7"(H) X 17.24"(W) X 27"(D)

### Vista Operation Management- WallBrix

Vista Operation Management is a software application that provides complete configuration and control of the visual information being received, processed and displayed on the wall. It enables source selection and rendering into any displayed window, display layout selection and configuration. It is designed to fully exploit the uniquely powerful and flexible Vista architecture.

The Vista controller can be accessed locally via wireless KM connected or remotely through the network from any connected PC. In addition WallBrix SDK and XML APIs, enable easy integration with 3<sup>rd</sup> party control systems.

### SERVICES AVAILABLE

- Planning & Consultation
- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Extended Warranty

**NOTE: The Specification may change without notice.  
The actual products sold are different from areas. Please  
check the detailed Specification with your local dealers**

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