



## VIDEO WALL EXPANSION

Multi Purpose PCIe Expansion Products.



### + INCREASE VIDEO WALL SIZE

Large scale video wall projects often require more resources than are available from a single motherboard or backplane, as more video capture channels are added or video wall sizes increase requiring added graphical outputs physical resources become scarce.

### + EXPAND YOUR IDEAS

The Datapath range of VSN expansion chassis allow customers to seamlessly add additional video capture or graphical output cards to a system. Using scalable PCIe technology, expansion chassis can be added to the master system to provide additional PCIe slots allowing for uninterrupted communication between any device in any slot. Full gen-locking can be achieved between any cards within the whole system without the need for additional cables allowing tear free videos on Video Walls where multiple graphics cards are dispersed across several chassis.

## + VSN802X

- 9 slot expansion system providing 8 PCIe gen2 x4 slots & 1 PCIe gen2 x8 slot
- Supporting 4GB/s full duplex links between backplanes using the HLink-G3 and SLink-G3
- LEDs indicating connections
- Seamlessly capitalising on the transparency of the PCI Express architecture
- Automatically configured, making all the slots appear transparent to the host PC
- Provides increased I/O capacity and scalability

## + VSN1100X

- 11 slot expansion system providing 11 PCIe gen3 x8 slots & 1 PCIe gen2 x8 slot
- Supporting 8GB/s full duplex links between backplanes using the HLink-G3 and SLink-G3
- LEDs indicating connections
- Seamlessly capitalising on the transparency of the PCI Express architecture
- Automatically configured, making all the slots appear transparent to the host PC
- Provides increased I/O capacity and scalability

## + VSN900X

- 9 slot expansion system providing 8 PCIe gen3 x4 slots & 1 PCIe gen2 x8 slot & 1 x8 PCIe gen3
- Supporting 8GB/s full duplex links between backplanes using the HLink-G3 and SLink-G3
- LEDs indicating connections
- Seamlessly capitalising on the transparency of the PCI Express architecture
- Automatically configured, making all the slots appear transparent to the host PC
- Provides increased I/O capacity and scalability

## + SPECIFICATIONS

### BACKPLANES

Express9-G2 PCIe backplane providing 1 x 8 lane slot and 8 x 4 lane slots
Express9-G3 PCIe backplane providing 1 x 8 lane slot and 8 x 4 lane slots.
Express11-G3 PCIe backplane providing 11 x 8 lane slots

### POWER

600W Redundant PSU
500W ATX
800W Redundant PSU(VSN1100X only)

### ENVIRONMENT

Operating Temperature	0 to 35 DegC (32 to 95 DegF)
Storage Temperature	-20 to 70 DegC (-4 to 158 DegF)
Relative Humidity	5% to 90% non-condensing
Noise	48.6dB (A) up to 67.9dB (A); <i>Dependent on system configuration &amp; ambient temperature</i>

### DIMENSIONS

Length	500mm (including handles)
Height	175mm
Width	482.1mm
Weight	19 - 25kg (shipped 30 - 33kg)

### COMPLIANCE

FCC/CE/ROHS
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*We are continuously developing the technology used within our product ranges delivering outstanding innovative solutions, therefore the specification may change from time to time.*

## + MODELS AVAILABLE

Order Code: VSN900X-RSPU  
Expansion chassis with 600 Watt RPSU

Order Code: VSN900X-ATX  
Expansion chassis with 600 Watt ATX

Order Code: VSN1100X-RSPU  
Expansion chassis with 800 Watt RPSU

*All products are shipped with the latest software available, unless stated otherwise. Special requirements may be organised by contacting our Sales team.*