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.

Engineering the world’s best visual solutions
Video wall controller solution

**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

**SPECIFICATION**

**BACKPLANES**
Express11-G3 PCIe backplane providing 11 x 8 lane slots

**POWER**
800W Redundant PSU (VSN1100X only)

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

**OPERATING TEMPERATURE**
0 °C to 35 °C / 32 °F to 95 °F

**STORAGE TEMPERATURE**
-20 °C to 70 °C / -4 °F to 158 °F

**RELATIVE HUMIDITY**
5% to 90% non-condensing

**NOISE**
48.6dB (A) up to 67.9dB (A)
Dependent on system configuration & ambient temperature

**COMPLIANCE**
FCC/CE/ROHS

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

**HOST SYSTEMS**
- VSN1172 - 11slot chassis with Corei7
- VSN1182 - 11slot chassis with single Xeon
- VSN1192 - 11slot chassis with dual Xeon
- VSN400 - 11slot chassis with Corei9

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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.

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

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Datapath Excellence by Design