

VSNMicro 600

Video wall controller solutions



VSN SERIES

FLEXIBLE VIDEO WALL CONTROLLER

Datapath's VSNMicro 600 platform is a bespoke video wall controller that is ideal for command and control deployment where server room space is non-existent or highly limited.

The VSNMicro 600 platform is fully customisable with options available for different Intel® processors, hard drive sizes and specifications, memory configurations and software choices.

The system has a small footprint and has been designed to be very quiet - for deployment in areas that would not support a standard sized wall controller chassis.

FEATURES

The VSNMicro 600 platform comprises a high performance enterprise grade motherboard which is connected to Datapath's Express6 PCIe backplane. The backplane contains six half length PCIe slots for use with Datapath's range of cards. Considerable engineering expertise has been applied to the VSNMicro 600 series to ensure that it is as quiet as possible, making it suitable for use outside of a server room and in more public areas.

Compatible with Datapath's portfolio of Vision capture, Image graphics and ActiveSQX IP decoding cards, customers can build systems that include a large number of video inputs and IP streams that can quickly and easily be delivered to a large, multi-screen video wall.

Engineering the **world's best** visual solutions


DATAPATH
EXCELLENCE BY DESIGN

Advanced graphics display technology

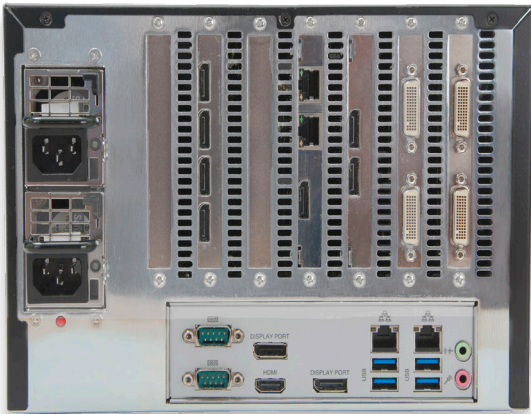
CUSTOMISATION OPTIONS

VSNMicro 600 is available with a range of options including a high performance industrial grade motherboard, Intel processors, DDR4 memory and ATX or RPSU power supplies.

Datapath's range of half length cards are suitable for using within the VSNMicro 600.¹

Datapath have defined a standard configuration, however customers are invited to order upgrades to their system to increase processor performance, on board memory and the size and number of solid state hard drives within the system.

For further details please contact your Datapath sales representative.



SPECIFICATION

BACKPLANE

Datapath Express6

Six PCIe Gen3 slots x8 offering up to 8GB of bi-directional data transfer

MOTHERBOARD

Industrial motherboard

3 x DisplayPort control screen

Outputs

4 x USB 3.0 Ports

2 x USB 2.0 Ports

PROCESSOR

Intel Core i5 (fitted as standard)

6M Cache, up to 3.6GHz

Intel Core i7 (optional upgrade)

8M Cache, up to 4GHz

HARD DRIVE

240GB SSD (fitted as standard)

480GB SSD (optional upgrade)

Customers may upgrade to dual drives with RAID. Please confirm at time or order

WALLCONTROL 10

Datapath's VSNMicro 600 system is compatible with Datapath's WallControl 10 software. WallControl 10 allows users to quickly and easily place video sources anywhere on the video wall. Common arrangements can be saved as layouts for recall at any time. Any section of the wall can contain a "carousel" of videos, playing one after the other at definable intervals.

Administrators of WallControl 10 are able to configure a single system to drive multiple walls. Each of these walls can be assigned a number of user roles, and each user role can allow different access to sources, local videos, layouts and templates.²

COMPATIBILITY

The VSNMicro 600 is compatible with Windows 10 LTSC operating system³.

MODELS AVAILABLE

Order Code: VSNMicro 600-ATX

Standard configuration with ATX power supply

Order Code: VSNMicro 600-RPSU

Standard configuration with RPSU power supply

Customers wishing to customise their system configuration should do so at the time of order.

RELATIVE HUMIDITY

5% to 90% non-condensing

DIMENSIONS

Size

380mm (l) x 176mm (h)

x 265mm (w)

Weight

15kg - 20kg (shipped 20kg - 25kg)

COMPLIANCE

FCC / CE / RoHS

MEMORY

16GB dual channel DDR4 as standard.

ETHERNET

2 x Intel Gigabit Ethernet Port

POWER SUPPLY

ATX 500 watts 110 - 240v

RPSU 500 watts 110 - 240v

OPERATING TEMPERATURE

0 °C to 35 °C / 32 °F to 95 °F

STORAGE TEMPERATURE

-20 °C to 70 °C / -4 °F to 158 °F

¹ The following cards are suitable for use: within the VSNMicro 600: Image2K, Image4K, VisionSC-UHD2, VisionSC-DP2, VisionSC-HD4+, VisionSC-SDI4, VisionSD8, VisionAV-HD & ActiveSQX.

² Multiwall and User Rights Management are only available with WallControl 10 Pro.

³ Windows Server 2022 is supported. Contact Datapath Sales for more information. Datapath systems are not compatible with Windows 10 Home edition.

All products are shipped with the latest software versions, unless stated otherwise. The specification stated is a minimum only. Higher specification systems may be provided without prior notice. Special requirements may be organised by contacting our Sales team.

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