



DG-X6 Series Video Wall Controller

Advanced Graphics Display Technology

FLEXIBLE

DG-X6 platform is a video wall controller that is ideal for command and control deployment where server room space is non-existent or highly limited.

The DG-X6 series 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 DG-X6 platform comprises a high performance enterprise grade motherboard which is connected to 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 DG-X6 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.

DG-X6K5 Video Wall Controller

Specifications

DG-X6 SYSTEMS

The DG-X6 systems¹ are available with Windows 10 in the following variants:

- 1.DG-X6K5 - 6 slot Core i5 + 600W RPSU + 16GB RAM + 2x 240GB SSD + Windows 10
- 2.DG-X6K5 ATX - 6 slot Core i5 + 500W ATX + 16GB RAM + 2x 240GB SSD + Windows 10
- 3.DG-X6K7 - 6 slot Core i7 + 600W RPSU + 16GB RAM + 2x 240GB SSD + Windows 10
- 4.DG-X6K7 - 6 slot Core i7 + 500W ATX + 16GB RAM + 2x 240GB SSD + Windows 10

4DIAMOND GRID 10

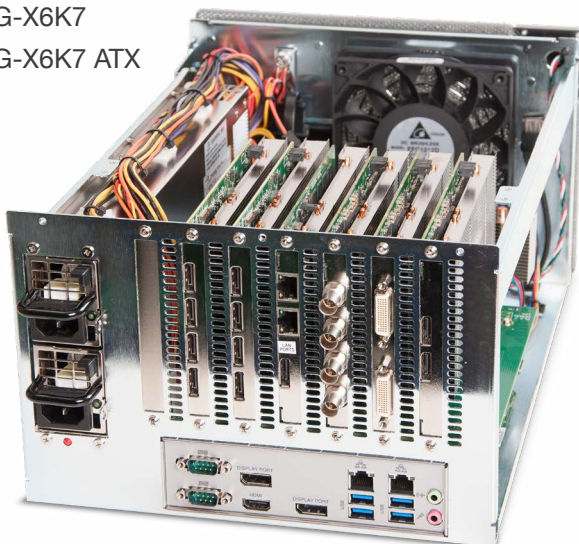
DG-X6 system is compatible with D-Wall and 4Diamond Grid 10 software. Both applications allows users to quickly and easily place video sources anywhere on the video wall. Common arrangements can be saved as layouts for recall at any time and any section of the wall can contain "carousels" of videos playing one after the other at definable intervals.

Administrators of 4Diamond Grid 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.*

MODELS AVAILABLE

Order Codes:

- DG-X6K5
- DG-X6K5 ATX
- DG-X6K7
- DG-X6K7 ATX



SPECIFICATION

MOTHERBOARD	Industrial motherboard 3 x DisplayPort control screen Outputs: 4 x USB 3.0 Ports 4 x USB 2.0 Ports 2 x Intel Gigabit Ethernet Ports RS232 for control
Processor	Intel Core i5 (fitted as standard) 6M Cache, up to 3.6GHz Intel Core i7 (optional upgrade) 8M Cache, up to 4GHz
Memory	16GB dual channel DDR4
BACKPLANE	Datapath Express6: Six PCIe Gen3 slots x8 offering up to 8GB of bi-directional data transfer
DISK STORAGE	240GB SSD (fitted as standard) 480GB SSD (optional upgrade) Customers may upgrade to dual drives with RAID. Please confirm at time or order.
OPERATING SYSTEM	Windows 10 LTSC Windows 7 (optional)
POWER	ATX 500 watts RPSU 600 watts
ENVIRONMENT	
Operating temp	0 to 35 °C (32 to 95 °F)
Storage temp	-20 to 70 °C (-4 to 158 °F)
Relative Humidity	5% to 90% non-condensing
DIMENSIONS	
Size	380mm(l) x 176mm(h) x 250.1mm(w)
Weight	15 - 20kg (shipped 20 - 25kg)

* Multiwall and User Rights Management are only available with 4Diamond Grid 10 PRO

¹ The following cards are suitable for use: within the DG-X6K5: ImageDP4, VisionSC-DP2, VisionSC-HD4+, VisionSC-SDI4, VisionSD8, VisionAV-HD & ActiveSQX.