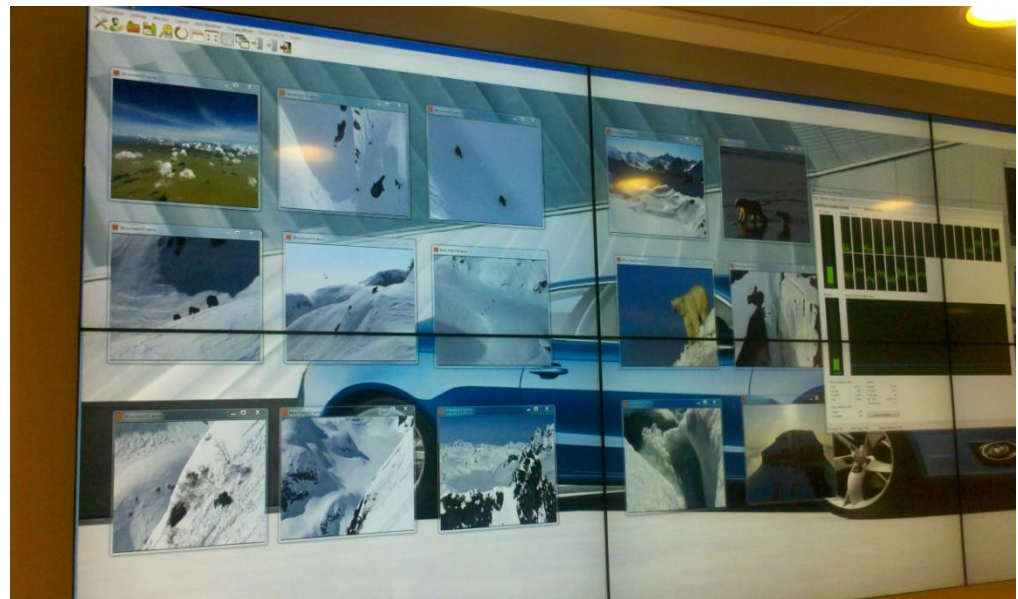


# PAVILION 4824

All in one Video Wall Controller

The Pavilion 4824 is a high performance Information video wall controller that offers the ultimate solution for large, multi-screen, multi-window display of all types of visual information.



## SERVICES AVAILABLE

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



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*Built to serve*



Pavilion4824 is the most advanced controller that exists today due to some unique technologies that are utilized:

## PCIe3.0 BUS

More Bandwidth leads to more I/O capabilities.

More outputs (displays) per card.

## HW IP video accelerators

More IP streams with CPU offloading

Built-in two-way Streaming capabilities

## Robust and Reliable

Powerful dual quad XEON processors

SSD or RAID 1, 2,5,10 reliable memories

Hot standby redundant power-supply

1+1 hot swappable redundancy option

W7E OS based

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## I/O Capabilities

The Pavilion 4824 has versatile I/O capabilities to support almost **any** form of visual information.

### Outputs

- ✓ Each GPU cards support 6 Full HD outputs
- ✓ 4k\*2k (4K UHD) resolution is also supported
- ✓ One platform supports up to 30 outputs
- ✓ With proper expansions up to 120 FHD displays



### Inputs

#### Large variety of Capture cards

- ✓ 4/8 \* Analogue PAL/NTSC (BNC)
- ✓ 2 \* DVI/HDMI/VGA (up to 1920\*1200 \* 60 fps)
- ✓ 4\* DVI/HDMI (up to 1920\*1200 \* 30 fps)
- ✓ 4 \* VGA (up to 1024\*768\*30fps)
- ✓ 4\*SD/HD SDI
- ✓ 2\* 3G-SDI
- ✓ 4 \* HDMI (1920\*1080\*30fps)
- ✓ 1 \* Universal port SDI/HDMI/DVI/COMPONENTS (FHD)
- ❖ Combination cards of different formats

#### Network Sources

- ✓ IP Video (up to 32 HD)
- ✓ Remote PC's using NVU remote user/server
- ✓ Web based data
- ✓ SCADA (Windows/Unix/Linux based)

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## *Applications*

- Utilities (Telecom, Power, Water, Gas)
- Transportation / Traffic monitoring
- HLS / Safe-cities
- Control/Situation rooms
- Surveillance rooms
- Municipalities
- Military
- Simulators
- Medical



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## Operation

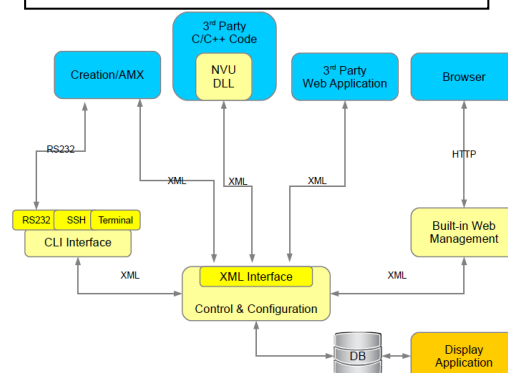
The Wall operating system Wall Brix® is intuitive user friendly software that has a similar look and feel like Windows.



Any source/s can be displayed in any location and size over the wall.

Layouts can be saved retrieved and looped according to predefined schedule.

### Software interfaces diagram



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## Wall Brix main features

- ✓ User authentications option
  - Local
  - LDAP based
- ✓ Remote user operation in 2 modes:
  - Online real-time mode
  - Offline mode
- ✓ Multi physical/virtual walls support
- ✓ Any source in any location and size
- ✓ Layouts:
  - Save
  - Retrieve
  - Schedule loop
- ✓ Window status bar
- ✓ Layouts Shortcut window option
- ✓ Two-way Streaming:
  - From the wall:
    - The entire wall
    - Selected Area
  - To the wall from a remote PC
- ✓ Sources selection per any window:
  - Captured video
  - Remote PC (including KVM option)
  - USB camera
  - IP streaming
  - Picture
  - Web-site
  - Application
  - Local content (IP Video)



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## Specifications

### Chassis

#### Unpacked:

Dimensions (mm) W\*D\*H – 438\*684\*128

Weight: 13Kg

#### Packed:

Dimensions (mm) W\*D\*H – 730\*645\*335

Weight: 26 Kg

Powering: 2\* 110-230 VAC (50/60 Hz)

#### Front Panel LEDs:

Power supply, Heat/Fan, LAN1, LAN2, HDD, Powering

BUS: PCIe3.0\*16

No. of slots: 7 (Max. 5 for GPU cards)

Max. No. of expansions units: 5

#### Networking:

GbE - 2

Management LAN – 1

USB – 4

RS232 – 1



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