

Hiperwall PC Requirements

HIPERWALL

see the big picture

Control Node

You must have exactly one Control Node for each Hiperwall installation. The Control Node software runs on a standard personal computer with the following minimum configuration. If your content involves lots of video, the Control Node should be a more powerful (quad core or better) PC.

- Microsoft Windows XP (SP2 or later), Vista or 7
- Gigabit Ethernet
- Dual Core processor, 2GHz or faster
 - 2.4 GHz Quad Core recommended
- 1 GB RAM, 2 GB for Windows Vista or 7
- Graphics Controller: NVIDIA 8xxx, AMD HD3xxx, or Intel HD2000 or later
 - 512MB dedicated Graphics Ram or higher.
- Monitor and graphics adapter with vertical resolution of at least 800 pixels.
- Wide format display is recommended. 1920x1080 or larger preferred.
- At least 1GB free storage (plus more for stored content)

Display Node

Each display in the Hiperwall system must be controlled by a personal computer. The PC can be connected to the monitor by a VGA , DVI or HDMI cable, or it can be embedded in the monitor such as the Samsung 460UTn or NEC X462UN.

- Microsoft Windows XP (SP2 or later) or 7
- Gigabit Ethernet with Wake-on-Lan support
- Dual Core processor, 2GHz or faster recommended.
 - Atom not recommended for some content (see FAQ).
- 1 GB RAM, 2 GB for Windows 7
- Graphics Controller: NVIDIA 8xxx, AMD HD3xxx, or Intel HD2000 or later
 - 256MB dedicated Graphics RAM or higher recommended
- Space for stored content (images and movies) – at least 1GB free storage

Screen Sender or Secondary Control Node

The Sender Node and Secondary control software are written in Java to be portable to any computer that runs Oracle Java.

- Computer with Oracle Java 1.6
- 100MB/sec Ethernet or 802.11g or better (wireless)
- Dual Core processor recommended
 - more and faster cores will significantly boost frame rate
- 1 GB RAM, 2 GB for Windows Vista or 7
- Virtual Machine environments may be used

Streamer Node

The Streamer Node runs on a personal computer with the following minimum configuration.

- Microsoft Windows XP (SP2 or later), Vista, or 7
- Gigabit Ethernet
- Dual Core processor, 2GHz or faster
- 1 GB RAM, 2 GB for Windows Vista or 7
- NVIDIA GeForce 8xxx or later for hardware assist (strongly recommended)
 - High Definition or multiple streams require higher performance GPUs
- Audio in and audio out required if audio is to be synchronized with the video being presented on the display nodes