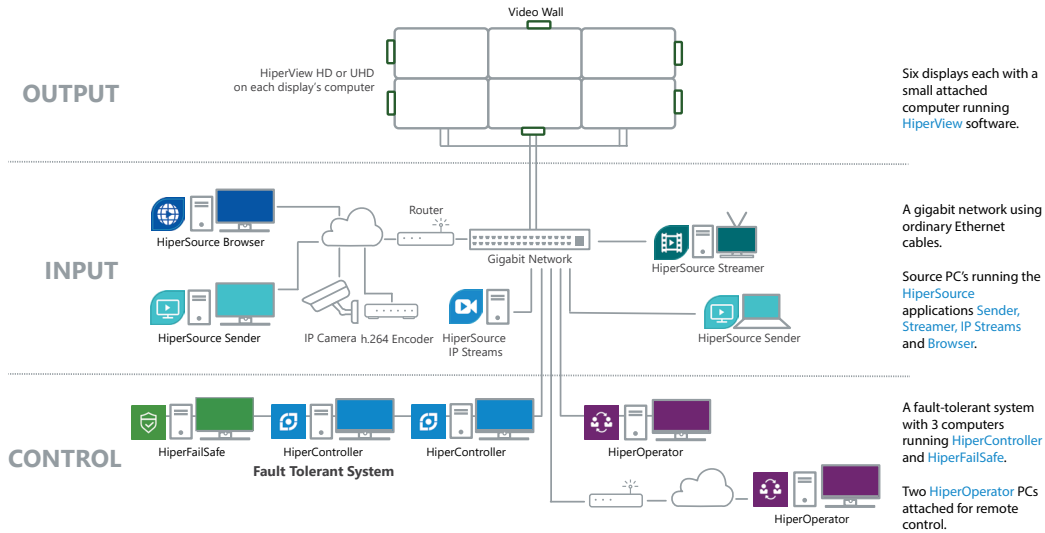


Hiperwall[®]

TECHNOLOGY BRIEF

Hiperwall Version 8 Minimum Requirements



This document is intended as a guide for minimum hardware to run the latest version of Hiperwall, with possible limitations on resolutions and quantity of sources per PC.

For recommended hardware to meet the needs of most Hiperwall customers, please see the [Technology Brief - Hiperwall Version 8 Recommended System Specifications](#) document. If a high-performance system is required (IE. UHD capture, UHD display or more than 4 sources per display) please contact Hiperwall support for assistance.

As a general rule, upgrading Hiperwall versions will not break existing functionality on existing hardware, however some important notes follow:

- Windows 10 and 11 are the only supported operating systems
- Some nodes now require a 64 bit Operating System

HiperController

OS: Windows 10 or 11, 64 bit
 CPU: 4th Generation Intel i5, 2.5 Ghz (Base clock)
 RAM: 4 GB dual channel
 GPU: Intel HD 4600, or Nvidia GTX745
 Network: Gigabit Ethernet
 Monitor: 60 Hz display or EDID emulator, with vertical resolution of at least 900 pixels
 Storage: At least 20 GB free storage plus room for local content

HiperView and HiperView+

OS: Windows 10 or 11
 CPU: 4th Generation Intel i5, 2.5 Ghz (Base clock)
 RAM: 4 GB dual channel for HiperView; 8GB dual channel for HiperView+
 GPU: HiperView: Intel HD4600 (1 1080p display);
 HiperView+: Nvidia Quadro P620 (1 2160p display or up to 4 1080p displays in a rectangle layout)
 *Nvidia GPU required for HiperView+
 Network: Gigabit Ethernet
 Storage: At least 20 GB free storage plus room for local content.

CAUTION

- Hiperwall cannot guarantee functionality of daisy-chained displays. Check with your display manufacturer to see if it supports this configuration.
- Hiperwall's wake-on-LAN features may not function on Intel vPro-enabled CPUs.

HIPERWALL VERSION 8.0 - MINIMUM REQUIREMENTS

HiperView Quantum

OS: Windows 10 or 11, 64 bit
CPU: 8th Generation Intel i7, 2.9 Ghz (Base clock)
RAM: 16 GB dual channel
GPU: Nvidia Quadro RTX4000*
Network: Gigabit Ethernet
Sync: Nvidia Quadro Sync II card
** Each PC can drive up to 4 LCD displays, or 4 dvLED Controllers.*

HiperSource

Sender

OS: Windows 10 or 11, macOS 10+ with Java 14, or Linux with Java 14, virtual machine environments may be used
CPU: Dual Core
RAM: 2GB RAM
Network: Gigabit Ethernet, Fast Ethernet (100MBPS) or 802.11N wireless
** Minimum for 1 1080p screen capture. Increase specs for multiple screens or higher resolutions*

Streamer

OS: Windows 10 or 11, 64 bit
CPU: 4th Generation Intel i5, 2.5 Ghz (Base clock)
RAM: 4 GB dual channel RAM
GPU: Nvidia GTX 1050 for three streams or fewer; Nvidia Quadro P2000 for more than three streams
Network: Gigabit Ethernet
** An EDID Emulator may be required for headless streamer computers.*

Streamer+

OS: Windows 10 or 11, 64 bit
CPU: 4th Generation Intel i5, 2.5 Ghz (Base clock)
RAM: 4 GB dual channel
GPU: Nvidia Quadro P620 (up to 3 1080p encodes)
Network: Gigabit Ethernet
** An EDID Emulator may be required for headless streamer computers.*

IP Streams

OS: Windows 10 or 11, 64 bit
CPU: 6th Generation Intel i7, 2.9 Ghz (Base clock)
RAM: 8 GB dual channel RAM
Network: Gigabit Ethernet

Browser

OS: Windows 10 or 11, 64 bit
CPU: 4th Generation Intel i5, 2.5Ghz (Base clock)
RAM: 8GB
Network: Gigabit Ethernet

HiperOperator

OS: Windows 10 or 11, OSX with Java 14, or Linux with Java 14.
CPU: Dual core
RAM: 2 GB
Network: Gigabit Ethernet, Fast Ethernet (100Mb) or 802.11N wireless

HiperCast

OS: Windows 10 or 11, 64 bit
CPU: 4th Generation Intel i5, 2.5 GHz
RAM: 4 GB dual channel RAM.
Network: Gigabit Ethernet

HiperFailSafe

OS: Windows 10 or 11, 64 bit
CPU: Dual core, 2 Ghz
RAM: 2 GB
Network: Gigabit Ethernet
Monitor: Vertical resolution of at least 800 pixels, required.
** Time sync (NTP server) is required between both HiperController PCs and HiperFailSafe PC. Windows time sync is fine as, the clocks can be up to 5 min off.*

FOR MORE INFORMATION

Contact Sharp/NEC
infomail.sndse@sharp.eu