EvertzAV's NUCLEUS is an AV over IP platform developed exclusively for enterprises looking for the highest in quality and reliability while maintaining a simplified user experience.

Key Features

- Linux-based controller
- Robust network configuration options
- Centralized gateway management including integrated services, health and session monitoring, firmware management, and more
- Industry-leading RESTful API for third-party control
- Simple, straightforward, and easy-to-use web-based UI
- For small AV systems with fixed routing definitions

session monitoring, managed firmware update pushes, and automation capabilities through our powerful NUCLEUS Impulse engine. In addition, full gateway internal video and audio switching control and PIP/multiview layout control is available through our industry-leading RESTful API. For the ultimate in flexibility, customers can use the integrated Breakaway Session Management interface to define internal device routing as well as verify and set static sessions.
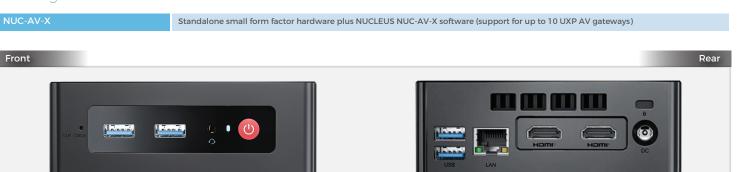
No Fuss Setup, No Programming Required

The NUCLEUS platform operates on a simplified configuration framework allowing administrators the ability to set up a fully functional AV distribution network in no time at all. The process has been streamlined so that a UXP AV gateway can be taken out of the box, registered on the NUC-AV-X, and be put to use in less than five minutes. Whether big or small, deployments of all sizes are handled the same way on the NUCLEUS platform, using the same consistent process.

AV Over IP System Controller for Small AV Systems

The NUC-AV-X is EvertzAV's most cost-effective NUCLEUS Session Manager platform for small AV systems intended to have static point-to-point sessions. The NUC-AV-X provides all the benefits of centralized gateway management, such as health monitoring,

Specifications

# of Gateways Supported	Up to 10*
LAN	1 x 1Gb/s RJ45 port
USB	4 x USB 3.0
Video Outputs	2 x HDMI
Power Consumption	36W
Connector	12V power adapter included
Voltage	Input: 100-240V / 50-60Hz auto-ranging; Output: 12V 3A
Ambient Operating Temperature	14˚ to 113˚ F (-10˚ to 45˚ C)
Relative Humidity	30% to 90% (non-condensing)
Dimensions (H x W x D)	1.62in x 4.53in x 4in (41mm x 115mm x 102mm)

Ordering Information

NUC-AV-X	Standalone small form factor hardware plus NUCLEUS NUC-AV-X software (support for up to 10 UXP AV gateways)

Front

Rear

*The NUC-AV-X does not support the UXP-HUBA-32x32 audio gateway.

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Contents Subject to Change
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