

GEN 4

Nemesis 600 Series



Perfect for simple museum exhibit, corporate setup, small entertainment venue, and anywhere redundant hosting is limited to a few subsystems.

Overview

ISAAC is a hosting platform that brings sensible IT concepts and technologies within the more conventional Audio Video workflow. Its ability to run multiple applications and operating systems inside the same physical unit creates an incredible opportunity for hardware consolidation and redundancy while favoring efficiency and sustainability. Its embedded software suite lets you effortlessly manage your AV system from one unified interface.

Nemesis 600 Series

Nemesis 600 Series is an enterprise-grade cluster that provides high performance for a diverse set of workloads. It allows for hosted systems to automatically recover in case of hardware failure, delivering an astonishing expected availability of 99.99%.

Nemesis 600 Series comes as two 1U rack servers offering redundant power supply, raid configured storage, and out-of-band management controller card on all configurations. High availability is maintained through the constant monitoring of the cluster by an ultra-compact industrial controller; the ISAAC Quorum Appliance.

Nemesis 620 & 622

Nemesis 620 is perfectly sized to host up to 2 control, AV, or other solutions using virtualization technology. As a compact cluster it is ideally suited for simple

museum exhibit, corporate setup, small entertainment venue, and anywhere redundant hosting is limited to a few subsystems.

Expanding on that, Nemesis 622 is more powerful in many ways. Able to run up to 4 Virtual Machines, Nemesis 622 is the right choice when more sub-systems are to be running within the ISAAC hosts. It also provides larger dedicated storage for media, as well as 10GB network ports. This makes Nemesis 622 the perfect redundant content management system for small media installation.

Sustainability

With ISAAC, we are committed to providing more efficiency at all levels. Reducing the amount of physical infrastructure in use leads to savings in technical room floor space and power consumed. In addition, there is a commensurate reduction in cooling system power consumption and other ancillary technical room services that is proportional to the AV system's overall operational efficiency.

Nemesis 600 series and our platform underneath is proof of our dedication to environmental sustainability.



Hardware Consolidation



Scalability



Enterprise-Grade



High Availability



Data Recovery



IT Friendly



Platform Management



Worldwide Warranty



Highly Dependable



Deeply Integrated



Accessible from Anywhere



ISAAC Workspace

The Workspace is the one place to access the ISAAC tools and features but also your documentation, the setup and configuration pages of most devices, and even access the computers you need for programming and operation.

ISAAC Workspace is accessible from any device connected to your network using a standard web browser. Your entire workflow and experience is inside the native web app to simplify everything. Its flexibility and ease of use provide all the benefits you need to succeed.

-  **Access Management**
-  **Content Management**
-  **ISAAC Connect**
-  **System Documentation**
-  **Scheduling**
-  **Alerts & Notifications**
-  **Infrastructure Monitoring**
-  **Panels**

Configurations

Base Model	Nemesis 620	Nemesis 622
Hosting¹	2 VM	4 VM
High Availability	✓	✓
Order Reference	N620	N622
Hardware	2U Cluster + Quorum Appliance	2U Cluster + Quorum Appliance
CPU	6-Core	8-Core
RAM	32 GB	64 GB
Storage	2 x 1.92 TB SSD	2 x 1.92 TB SSD 6 x 2.4 TB HDD
Network	6 x 1 GB 2 x 10 GB Interconnect ³	6 x 1 GB 2 x 10GB 2 x 10 GB Interconnect ³
Modules²	6	6
Users²	20	50

1. These are recommended values only. Results may vary depending on usage environment and hosted systems requirements. 2. Modules and Users license provided with the related model. Additional Modules and/or Users license can be added at time of order, or at any time in the future. 3. These ports are reserved for internal system use. The standard warranty is 3 years but can be extended to 5 years as part of the optional ISAAC Extended Coverage package.