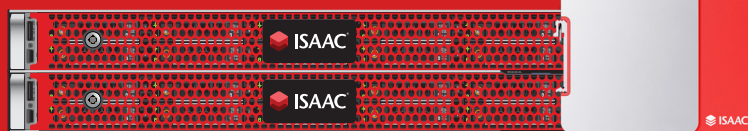


GEN 5

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 630 & 632

Nemesis 630 builds on the strengths of the previous generation by delivering the full performance profile of the

former Nemesis 622 in a streamlined configuration. Designed to host up to 4 virtual machines, it features enhanced CPU performance, increased memory capacity, dual 10Gb network connectivity, and enterprise-grade redundancy—making it ideally suited for control, AV, and hosted system workloads where performance and reliability are critical.

Expanding on this configuration, Nemesis 632 adds dedicated high-capacity storage specifically optimized for media content. This additional storage positions Nemesis 632 as a powerful redundant content management platform, well suited for media-rich installations requiring both high availability and centralized storage within the ISAAC ecosystem.

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



isaacplatform.com

info@isaacplatform.com

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 630

Nemesis 632

Hosting¹

4 VM

4 VM

High Availability

✓

✓

Order Reference

N630

N632

Hardware

2U Cluster
+ Quorum Appliance

2U Cluster
+ Quorum Appliance

CPU

8-Core

8-Core

RAM

64 GB

64 GB

Storage

960 GB
Redundant SSD

960 GB
Redundant SSD
7.2 TB
Redundant HDD

Network

4 x 1 GB
4 x 10 GB
2 x 25 GB SFP 28 Interconnect³

4 x 1 GB
4 x 10 GB
2 x 25 GB SFP 28 Interconnect³

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.