

## Aurora AVS-RK36-IHP Network Video Server

### *video sentinel*

Deliver powerful compute with a single processor server

The Aurora AVS-RK36-IHP offers streamlined productivity, high-speed memory and capacity, and powerful compute to address common business applications. Ideal for inside or outside of the data center:

- ▶ Small to mid-sized businesses
- ▶ ROBO / Near-edge
- ▶ Collaboration and sharing
- ▶ Database support and management



## SPECIFICATIONS

### GENERAL

#### Processor

- One Intel Xeon E-2400 series processor with up to 8 cores or One Intel Pentium G7400/G7400T processor with 2 cores

#### Memory

- 4 DDR5 DIMM slots, supports UDIMM 128 GB max, speeds up to 4400 MT/s
- Supports unregistered ECC DDR5 DIMMs only

#### Storage controllers

- Internal Controllers: HBA355i Adpt, PERC H355 Adpt, PERC H755 Adpt, HBA355i front, H355 front, H755 front
- Internal Boot: Internal USB 3.0, or Boot Optimized Storage Subsystem (BOSS-N1): HWRAID 2 x M.2 SSDs, USB
- External HBAs (non-RAID): HBA355e Adpt
- Software Controller: S160

#### Bezel

- Security bezel or Optional Filter bezel

#### Power Supplies

- 600 W Platinum 100 – 240 VAC or 240 VDC, hot swap redundant
- 700 W Titanium 200 – 240 VAC or 240 VDC, hot swap redundant

#### Cooling Options

- Air cooling

#### Fans

- Up to 4 fans

#### Dimensions

- Height – 42.8 mm (1.68 inches)
- Width – 482.0 mm (18.97 inches)
- Depth – 585.3 mm (23.04 inches) without bezel
- Depth – 598.9 mm (23.57 inches) with bezel

#### Form Factor

- 1U rack server

## Drive Bays

Front bays:

- Up to 4 x 3.5-inch SAS/SATA (HDD/SSD) max 64 TB
- Up to 8 x 2.5-inch SAS/SATA (SSD) max 61.44 TB

## Embedded Management

- iDRAC9
- iDRAC Direct
- iDRAC RESTful API with Redfish
- iDRAC Service Manual

## Mobility

- OpenManage Mobile

## OpenManage Integrations

- BMC Truesight
- Microsoft System Center
- OpenManage Integration with ServiceNow
- Red Hat Ansible Modules
- Terraform Providers
- VMware vCenter and vRealize Operations Manager

## Security

- Cryptographically signed firmware
- Data at Rest Encryption (SEDs with local or external key mgmt)
- Secure Boot
- Secured Component Verification (Hardware integrity check)
- Secure Erase
- Secured-core server
- Silicon Root of Trust
- System Lockdown (requires iDRAC9 Enterprise or Datacenter)
- TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ

## Operating System and Hypervisors

- Canonical Ubuntu Server LTS
- Microsoft Windows Server with Hyper-V
- Red Hat Enterprise Linux
- SUSE Linux Enterprise Server
- VMware ESXi

## OpenManage Software

- OpenManage Enterprise
- OpenManage Power Manager plugin
- OpenManage Service plugin
- OpenManage Update Manager plugin
- CloudIQ for Video Sentinel series plug in
- OpenManage Enterprise Integration for VMware vCenter
- OpenManage Integration for Microsoft System Center
- OpenManage Integration with Windows Admin Center

## Embedded NIC

- 2 x 1 GbE LOM

## GPU Options

- 1 x 60 W single-width GPU

## Ports

Front Ports

- 1 x iDRAC Direct (Micro-AB USB) port
- 1 x USB 2.0

Rear Ports

- 1 x Dedicated iDRAC Ethernet port
- 1 x USB 2.0
- 1 x USB 3.2 Gen1
- 1 x VGA
- 1 x Serial

Internal Ports

- 1 x USB 3.2 Gen1

## PCIe

Up to two PCIe Gen4 slots on the Gen4 Riser

- Slot 1: 1 x8 with x8 bandwidth, Half Length, Low Profile
- Slot 2: 1 x16 with x8 bandwidth, Half Length, Low Profile
- One dedicated PCIe x8 slot on the system board for internal PERC