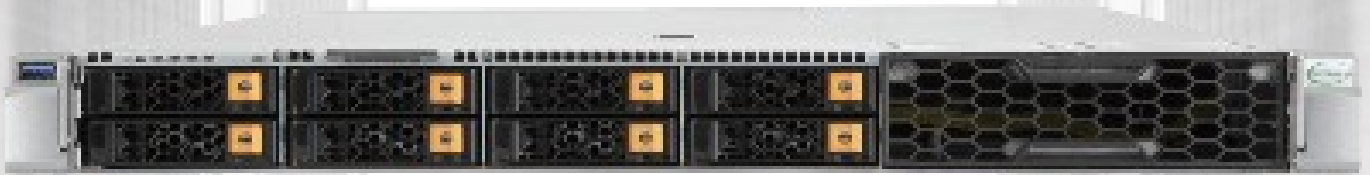


**Model: IAS-IX64-P70-VRM**  
**Series: IRIS**



**High Performance Enterprise Server**

\* Server design may changed based on latest available design



## OVERVIEW

The AADONA IRIS-IAS-IX64-P70-VRM is a state-of-the-art high-performance enterprise server manufactured in India by AADONA, a distinguished brand recognized by the Government of India under the Department for Promotion of Industry and Internal Trade (DPIIT). AADONA has earned a reputation for offering a wide range of servers and workstations, tailored to meet the diverse needs of businesses across various industries.

### Unparalleled Stability, Reliability, and Performance:

The IRIS-IAS-IX64-P70-VRM server is purpose-built for high-performance surveillance solutions, where stability, reliability, and uncompromising performance are crucial. This server is meticulously engineered to handle the demanding requirements of surveillance applications, ensuring uninterrupted operation and delivering optimal performance consistently.

### Government Recognition and Certified Quality:

AADONA's commitment to excellence is underscored by its recognition by the Government of India through the DPIIT. Moreover, the brand holds prestigious certifications such as ISO-9001, ISO-10002, ISO-14001, and ISO-27001. These certifications validate AADONA's adherence to the highest standards of quality, customer satisfaction, environmental responsibility, and information security.

### Exceptional Performance for Surveillance Solutions:

The IRIS-IAS-IX64-P70-VRM server is equipped with cutting-edge hardware and software technologies, enabling it to meet the demanding needs of surveillance applications. Powered by high-performance processors and ample memory capacity, this server ensures rapid data processing and efficient handling of large volumes of surveillance footage.

### Reliable and Secure Data Storage:

AADONA understands the criticality of data storage and security in surveillance environments. The IRIS-IAS-IX64-P70-VRM server offers robust storage capabilities, including large storage capacities and support for RAID configurations, ensuring the safe and reliable storage of surveillance data. Advanced security features, including data encryption and access controls, safeguard sensitive information from unauthorized access.

### Scalability and Flexibility:

The IRIS-IAS-IX64-P70-VRM server is designed with scalability in mind, allowing businesses to expand their surveillance infrastructure as needed. The server offers ample expansion slots and drive bays, providing flexibility for future upgrades and accommodating additional storage requirements.

### Efficient Management and Monitoring:

AADONA provides comprehensive management and monitoring tools for seamless server administration. These tools enable businesses to efficiently monitor and manage their surveillance infrastructure, ensuring optimal performance and minimizing downtime.

In summary, the AADONA IRIS-IAS-IX64-P70-VRM high-performance enterprise server exemplifies AADONA's commitment to delivering stability, reliability, and outstanding performance. With its specialized focus on surveillance solutions, this server is engineered to meet the rigorous demands of surveillance applications, providing businesses with a powerful and secure platform for their surveillance infrastructure. Choose AADONA, an Indian brand known for its innovation and extensive range of servers and workstations, and experience the reliability and performance you need for your surveillance needs.

## FEATURES

- Unparalleled Stability, Reliability, and Performance.
- Government Recognition and Certified Quality.
- Exceptional Performance for Surveillance Solutions.
- Reliable and Secure Data Storage.
- Scalability and Flexibility.
- Efficient Management and Monitoring.

## SPECIFICATIONS

Model	IAS-IX64-P70-VRM
CPU	2nd Gen. Intel® Xeon® Scalable and Intel® Xeon® Scalable Processors Dual processor, LGA 3647
Chipset	Intel® C622 Chipset
Memory	16 x DIMM slots DDR4 memory supported only 6-channel memory architecture RDIMM modules up to 128GB supported LRDIMM modules up to 128GB supported Supports Intel® Optane™ DC Persistent Memory (DCPMM) 1.2V modules: 2933/2666/2400/2133 MHz
LAN	2 x 10Gb/s BASE-T LAN ports 2 x 1Gb/s LAN ports 1 x 10/100/1000 management LAN
Storage	3 x SlimSAS for 12 x SATA III 6Gb/s ports 2 x 7-pin SATA III 6Gb/s with SATA DOM supported
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
RAID	Intel® SATA RAID 0/1/10/5
Expansion Slots	Slot_6: 1 x PCIe x16 (Gen3 x16 bus) slot, from CPU_1 Slot_5: 1 x PCIe x8 (Gen3 x8 bus) slot, from CPU_1 Slot_4: 1 x PCIe x16 (Gen3 x16 bus) slot, from CPU_1 Slot_3: 1 x PCIe x8 (Gen3 x8 bus) slot, from CPU_0 Slot_2: 1 x PCIe x16 (Gen3 x16 bus) slot, from CPU_0 Slot_1: 1 x PCIe x8 (Gen3 x4 bus) slot, from PCH 2 x M.2 slots: - M-key - PCIe Gen3 x4, from CPU_0 - Supports NGFF-2280/22110 cards 2 x U.2 ports: - SlimSAS type - PCIe Gen3 x4, from CPU_1

Internal I/O	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 2 x SATA DOM power pin headers 5 x SlimSAS connectors 2 x 7-pin SATA connectors 2 x M.2 slots 2 x CPU fan headers 5 x System fan headers 1 x USB 3.0 header 1 x COM_2 header 1 x TPM header 1 x VROC connector 1 x Front panel header 1 x HDD backplane board header 1 x PMBus connector 1 x IPMB connector 1 x Clear CMOS jumper 1 x BIOS recovery jumper 1 x Case open header 1 x Buzzer
Rear I/O	2 x USB 3.0 1 x VGA 1 x COM (RJ45 type) 4 x RJ45 1 x MLAN 1 x ID button with LED
OS Supported	Windows Server 2012 R2 with Update Windows Server 2016 Windows Server 2019  Red Hat Enterprise Linux 6.9 (x64) or later Red Hat Enterprise Linux 7.3 (x64) or later Red Hat Enterprise Linux 8.0 (x64) or later Red Hat Enterprise Linux 9.0 (x64) or later  SUSE Linux Enterprise Server 11 SP4 (x64) or later SUSE Linux Enterprise Server 12 SP2 (x64) or later SUSE Linux Enterprise Server 15 (x64) or later  Ubuntu 16.04.1 LTS (x64) or later Ubuntu 18.04 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later  VMware ESXi 6.0 Update3 or later VMware ESXi 6.5 or later VMware ESXi 6.7 or later VMware ESXi 7.0 or later VMware ESXi 8.0 or later  Citrix XenServer 7.1.0 CU2 or later Citrix XenServer 7.4.0 or later Citrix Hypervisor 8.0.0 or later

Board Management	Aspeed® AST2500 management controller Avocent® MergePoint IPMI 2.0 web interface: Network settings Network security settings Hardware information Users control Services settings IPMI settings Sessions control LDAP settings Power control Fan profiles Voltages, fans and temperatures monitoring System event log Events management (platform events, trap settings, email settings) Serial Over LAN vKVM & vMedia (HTML5)
PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors
Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Retail Packaging Content	1 x MD71-HB0 1 x I/O shield 1 x Quick start guide 2 x SlimSAS for 8 x SATAIII 6Gb/s cables 2 x Non-Fabric CPU carriers Single Box dimensions: 409 x 355 x 78 mm Carton dimensions: 729 x 415 x 432 mm



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