

SV2020A

Feature-rich 2-socket Server
with Flexible I/O Options



AMD EPYC™ Platform Solution

The dual AMD EPYC™ 7003 series processors, with up to 64 cores and 128 threads per socket, empower the system to support smoother multitasking and speed up your applications for faster business result.

OCP 3.0 Add-On Card Support

The standard-compliant OCP 3.0 slot enables installation of a NIC to provide high bandwidth and ultra-low latency for server networking, and features tool-less design for easy serviceability.

Flexible I/O Configurations

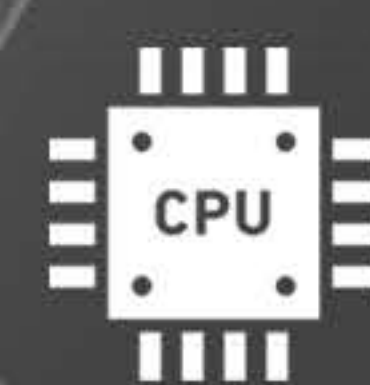
Designed to increase functionality for meeting your needs, the server offers 3 different add-on slot options with up to 7 PCIe slots, allowing a wide choice of accelerators or I/O cards.

High-speed PCIe Expansion Capability

Supporting PCIe Gen4, the product offers a superior bandwidth of 16GT/s, double the speed of PCIe Gen3, to deliver outstanding expansion capability and I/O performance.

Application

- Hexagon icon: Hyperscale Data Center
- Hexagon icon: Database
- Hexagon icon: Software-defined Storage
- Hexagon icon: Hyper-converged Infrastructure
- Hexagon icon: Enterprise Application Server
- Hexagon icon: High Performance Computing
- Hexagon icon: Big Data Analysis
- Hexagon icon: AI and Machine Learning



Two 3rd Generation
AMD EPYC™
Processors



32 x DDR4 RDIMM



26 x 2.5" NVMe Drives



1+1 Redundancy,
Platinum Level



2U Rackmount

SV2020A

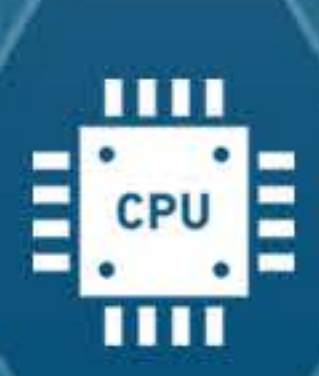
Specifications



North America: +1 408-727-8060



Email: Sales@ingrasys.com



Processor

Two 2nd/3rd Generation AMD EPYC™ Processors,
up to 64 Cores, 225W (TDP)



Memory

Total Slots: 32
Memory Type: 2933/3200MHz DDR4 RDIMM
NVIDIMM: 4 x 16GB NVIDIMM or 2 x 32GB NVIDIMM



Storage

Front & Rear

SKU1 & SKU2: 24 x 2.5" NVMe (Front) + 2 x 2.5" NVMe (Rear)
SKU3: 12 x 2.5" NVMe (Front) + 2 x 2.5" NVMe (Rear)

Internal

2 x SATA/NVMe M.2 (2280/22110)

Expansion Slots



SKU 1

2 x PCIe Gen4 x16, FHFL
2 x PCIe Gen4 x8, FHFL
2 x PCIe Gen4 x8, FHHL
1 x PCIe Gen4 x8, LP
1 x OCP 3.0 NIC PCIe Gen4 x16

SKU 2

1 x PCIe Gen4 x16, FHFL
1 x PCIe Gen4 x8, FHFL
1 x PCIe Gen4 x8, FHHL
1 x OCP 3.0 NIC PCIe Gen4 x16

SKU 3

2 x PCIe Gen4 x16, dual-slot GPU Cards
2 x PCIe Gen4 x8, FHHL
1 x PCIe Gen4 x8, LP
1 x OCP 3.0 NIC PCIe Gen4 x16



TPM

1 x TPM 2.0 Module



Front Panel

1 x Power Button with LED
1 x UID Button with LED
1 x System Health LED



Rear Panel

2 x USB 3.0
1 x Serial Port (RJ45 Type)
1 x RJ45 for BMC Dedicated Management
2 x RJ45 LAN Ports
1 x VGA Port



Management

1 x ASPEED AST2500 BMC
Support IPMI v.2.0



PSUs

1+1 Redundant 1600W Platinum Power Supplies



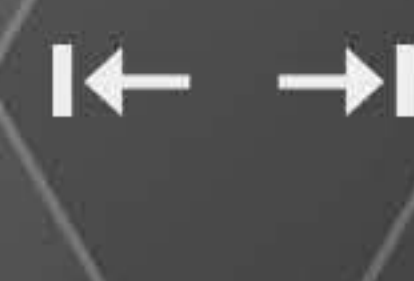
Fans

6 x 60*56mm



Certification

FCC/CB/CE/UL



Chassis Dimensions (H x W x D)

3.42" x 17.6" x 28.4" /
87.0mm x 446.6mm x 721.2mm



Operating Temperature

10°C to 35°C (50°F to 95°F)

Non-operating Temperature

-40°C to 70°C (-40°F to 158°F)

Operating Relative Humidity

8% to 90%RH

Non-operating Relative Humidity

5% to 90%RH



The information in this document is subject to change without notice. Ingrasys, the Ingrasys logo are trademarks or registered trademarks of Ingrasys Technology Inc. All logos, trademarks and registered trademarks are the property of their respective owners.

© 2021 Ingrasys Technology Inc. All rights reserved.