

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 card to provide high bandwidth and ultra-low latency for data intensive applications, bringing the server networking to the next level.

Flexible I/O Configurations

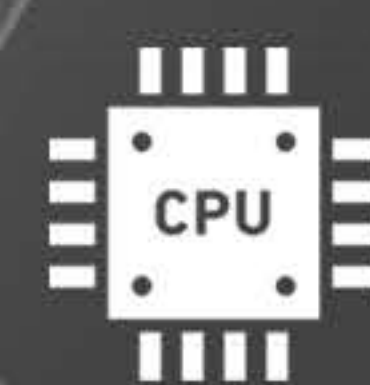
Designed to increase functionality for meeting your needs, the server supports diverse I/O configurations with up to 7 PCIe slots, allowing wide options of accelerators or I/O cards.

PCIe Gen4 Ready

Supporting PCIe Gen4 x16, the product offers a superior bandwidth of 32 GB/s, twice that of PCIe Gen3 x16, 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

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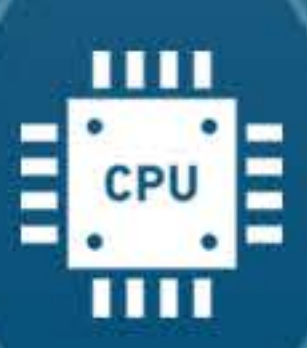
Specifications



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

32 x DDR4 3200MHz RDIMM/LRDIMM/
3DS NVDIMM



Storage

Front & Rear

26 x 2.5" Hot-swap NVMe (Front: 24 + Rear: 2)

Internal

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



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



TPM

1 x TPM 2.0 Module



Expansion Slots

2 x PCIe Gen4 x16
4 x PCIe Gen4 x8
1 x PCIe Gen4 x8 (LP)
1 x OCP 3.0 NIC PCIe Gen4 x16



Management

1 x ASPEED AST2500 BMC
Support Intelligent Platform Management
Interface v.2.0



PSUs

1+1 Redundant 1600W Platinum
Power Supplies



Fans

6 x 60*56mm



Certification

FCC/UL/CB



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



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