

SV2081A

Front Access 2U 4-node Server
to Address Growing Computing Needs



High-reliable Network Connectivity

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.

Application

- Hyperscale Data Center
- High Performance Computing
- Composable Disaggregated Infrastructure

High-density Computing in a Compact Design

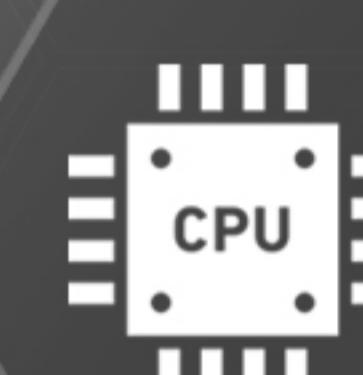
Equipped with four independent nodes, the server delivers unprecedented performance to handle complex workloads in a small chassis, making it a great choice to increase compute density in limited spaces.

Highly Convenient Front Access Design

The four nodes are front accessible, which is convenient for users to access the node from the front, and to eliminate the need of maintenance behind the rack where space is minimal.

High-speed PCIe Expansion Capability

Supporting PCIe Gen4 x16, the product offers a superior bandwidth of 32 GB/s, twice that of PCIe Gen3 x16, to realize the potential of expansion capability for versatile I/O options.



8 x 3rd Generation
AMD EPYC™
Processors



64 x DDR4 RDIMM/
LRDIMM



Front Access Design



1+1 Redundancy,
Platinum Level



2U Rackmount

SV2081A

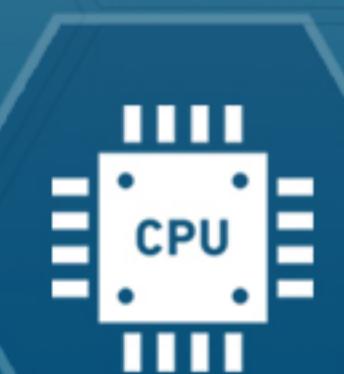
Specifications



North America: +1 408-727-8060



Email: Sales@ingrasys.com



Processor

Two 2nd/3rd Generation AMD EPYC™ Processors per Node, up to 24 Cores, 240W (TDP)



Memory

16 x DDR4 3200MHz RDIMM/LRDIMM per Node, 1 x NVDIMM per Node



Storage

1 x SATA/NVMe M.2 (2280/22110) per Node
1 x SATA M.2 (2280/22110) per Node



Front Panel (per Node)

1 x Power Button with LED
1 x UID LED
1 x System Health LED
1 x RJ45 for BMC Dedicated Management
1 x VGA
2 x USB 3.0



TPM

1 x TPM 2.0 Module per Node



Certification

FCC/CE/UL/CB/BSMI



Expansion Slots

2 x PCIe Gen4 x16 LP slots per Node
1 x OCP 3.0 NIC PCIe Gen4 x16 per Node



Management

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



PSUs

1+1 Redundant 3000W Platinum Power Supplies



Fans

3 x 40*56mm per Node, 12 x per Chassis



Chassis Dimensions (H x W x D)

3.42" x 17.6" x 26.76" /
87.0mm x 447.0mm x 679.8mm



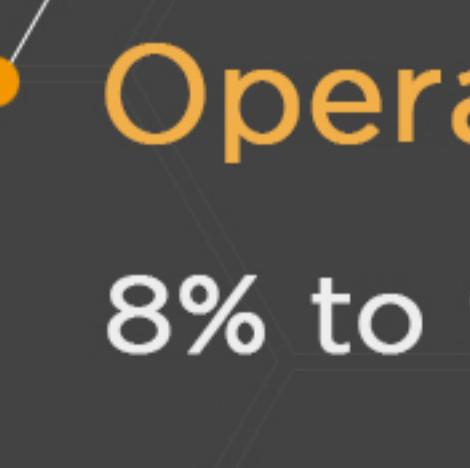
Operating Temperature

5°C to 35°C (41°F to 95°F)



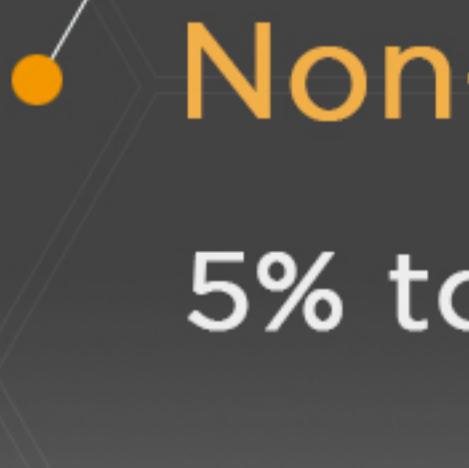
Non-operating Temperature

-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.