

Camarero: SSA200A2N-212

Key Feature

Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server

- 4th Generation AMD EPYC™ 9004 Series Processors, Single Socket SP5
- ASPEED AST2600
- 24 DIMM slots with 2 DIMM per channel (up to 6TB DDR5-4000MHz(1R)/3600MHz(2R)) OR 12 DIMM slots with 1 DIMM per channel (up to 3TB DDR5-4800MHz)
- 1 AIOM/OCP NIC 3.0 Slot, Configuration Options for up to, 4 PCIe 5.0 x16 Slots OR, 8 PCIe 5.0 x8 Slots or, 3 PCIe 5.0 x16 Slots + 2 PCIe 5.0 x8 Slots or, 2 PCIe 5.0 x16 Slots + 4 PCIe 5.0 x8 Slots or, 1 PCIe 5.0 x16 Slots + 6 PCIe 5.0 x8 Slots
- 12 Hot-swap 3.5" NVMe/SAS/SATA (Optional parts required for NVMe/SAS/SATA configurations)
- Redundant Titanium Level (96%) 80 Plus Power Supplies
- 2 On-board NVMe M.2 slots; 1x PCIe 3.0 x4, 1x PCIe 3.0 x2; 80mm/110mm (Boot)



Processor/Cache	
Processor	4th Generation AMD EPYC™ 9004 Series Processors, Single Socket SP5
System Memory	
Memory	24 DIMM slots with 2 DIMM per channel (up to 6TB DDR5-4000MHz(1R)/3600MHz(2R)) OR 12 DIMM slots with 1 DIMM per channel (up to 3TB DDR5-4800MHz)
Onboard devices	
Chipset / BMC	System on Chip
LAN	1 Dedicated IPMI LAN port
Expansion Slots	
PCI-Express	1 AIOM/OCP NIC 3.0 Slot, Configuration Options for up to, 4 PCIe 5.0 x16 Slots OR, 8 PCIe 5.0 x8 Slots or, 3 PCIe 5.0 x16 Slots + 2 PCIe 5.0 x8 Slots or, 2 PCIe 5.0 x16 Slots + 4 PCIe 5.0 x8 Slots or, 1 PCIe 5.0 x16 Slots + 6 PCIe 5.0 x8 Slots
Chassis	
Form Factor	2U rackmount
Dimensions	Height : 3.5" (88.9mm), Width : 17.2" (437mm), Depth : 31.6" (803mm)
Power Supply	Power Supply Redundant Titanium Level (96%) 80 Plus Power Supplies
Fans	4x 8cm heavy duty fans with optimal fan speed control
Drive bays	
Drive bays	12x 3.5" hot-swap NVMe/SATA/SAS drive bays

Features	
Features	Password protection, UEFI Secure BIOS/-Firmware (BIOS and NIC level Boot), Intel® TXT, TPM 2.0 Compliant Hardware Root of Trust, Server Intrusion Detection, prevention of Security Breaches, Secure firmware updates, Policy defined security measures, Encryption protocols – DES, AES
Management and Security	
Management	Agent free Redfish API compliant Secure Server Management Software for Centralized management, Monitoring, Event Handling and Alerting, System Fault, Health Management with logs repository, Tel emetry Streaming, Remote Power Management (on/off), Remote Configuration (LDAP, NTP, AD 1.0 , SMTP , SNMP etc.), Dedicated onboard RJ45 1 GbE management port for OOB (Out of Band) Management , TLS 1.2 , Updating Firmware , BIOS, Drivers using BMC WEB GUI , Additional Licenses for respective features for System Management using different interfaces such as Web/CLI/Redfish API. Optional – SIE (Sanitize Instant Erase), SED (Self-Encrypting Drive) (with supported Controllers and featured disks), Storage Management Utility featuring creation and destroying RAID Configurations for virtual disks .
Security	Password protection, UEFI Secure BIOS/-Firmware (BIOS and NIC level Boot), Intel® TXT , TPM 2.0 Compliant Hardware Root of Trust , Server Intrusion Detection , prevention of Security Breaches , Secure firmware updates, Policy defined security measures, Encryption protocols – DES , AES .
OS and Virtualization Compliance and Support	
OS and Virtualization Compliance and Support - Windows Server 2019 , 2022 x64 , RHEL 8.5, 9.0 x64 , Oracle 8.5 , 9.0 x64 , Rocky 8.5 x64 , SLES 15 x64 , Ubuntu Linux 22.04 , Windows Hyper-V , Red Hat OpenShift Container Platform 4.13 , Red Hat OpenStack Platform 17.0 VMware ESXi 7.0 , 8.0 , Citrix Hypervisor 8.2	
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