

Camerero: SSA200A2W-18

Key Feature

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

- 4th Generation AMD EPYC™ 9004 Series Processor, Single Socket SP5, Up to 128C/256T
- System on Chip
- 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 PCIe 5.0 x16, FH, 6.6"L, 2 PCIe 5.0 x16 FH, 10.5"L, Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)
- 8 Hot-swap 2.5" NVMe/SAS/SATA (Option for up to 12 drives), (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 Processor, Single Socket SP5, Up to 128C/256T
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
IPMI	Support for Intelligent Platform Management Interface v2.0, IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
LAN	1 Dedicated IPMI LAN port
Expansion Slot	
1 PCIe 5.0 x16, FH, 6.6"L, 2 PCIe 5.0 x16 FH, 10.5"L, Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)	
Chassis	
Form Factor	1U rackmount
Dimension	Height : 1.7" (43mm), Width : 17.2" (437mm), Depth : 29.4" (747mm) Redundant Titanium Level (96%) 80 Plus Power Supplies .
Fans	4x 8cm heavy duty fans with optimal fan speed control
Drive bays	
Drive bays	8x 2.5" hot-swap NVMe/SATA/SAS drive bays (Up to 12x 2.5" hot-swap NVMe/SATA/- SAS support with additional parts) M.2 : 2x NVMe (1x PCIe 3.0x4, 1x PCIe 3.0x2, Boot drive only)

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	
Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	