

Tyrone Camarero Specifications

Tyrone

Camarero: ADI300A3S-424

Key Feature

The ADI300A3S-424 Storage Server is designed for scalable, high-throughput storage deployments in data center and edge environments. It supports modular expansion, Intel's 6th Gen based dual CPUs, and flexible I/O fabrics to deliver predictable performance at scale. Leveraging state-of-the-art PCIe Gen5 integration and multi-tier storage architecture, the system enables seamless scaling from capacity-centric workloads to latency-sensitive access patterns.

- Supports Dual Intel® Xeon® 6th Gen 6500/6700 processors
- Supports 8+8 DDR5 RDIMM Expandable Memory
- 6 x16 PCIe 5.0 Expansion Slots
- Latest AST2600 BMC Controller iKVM, vMedia support
- Support 24 x 2.5"/3.5" Data drives + 2 x 2.5" hot-swap OS drives
- Dual 1GbE(RJ45) by Broadcom BCM5720
- 1300W 80+ Titanium Redundant Power Supply



Processor	
Processor	Supports Dual Intel Xeon 6th Gen 6500/6700 Series CPUs of TDP upto 300W (FCLGA 4710)
System Memory	
Memory Capacity	Supports 8+8 DDR5 RDIMM Expandable Memory, Max Frequency 6400MHz Max Capacity 256GB/DIMM, Max System Memory 4TB(3DS RDIMM)
Expansion Slot	
PCI-Express	6 x16 PCIe5.0 / CXL2.0 (FHFL)
Ports	
Ports	1 x RJ45 GbE connector for BMC dedicate management port (RTL8211E) 2 x 1GbE (RJ45) by Broadcom BCM5720 2 x USB 3.0 Type A Ports (Front) 2 x USB 3.0 Type A Ports (Rear) 1 x DB-15 VGA connector 1 x external UID/switch button
Environment	
Temperature	Operating Temperature : 10°C ~ 35°C Non Operating Temperature : 40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non-condensing)

Front Panel	
LED	1 x Power LED Button 1 x Alert LED 1 x HDD Activity LED 1 x LAN Activity LED 1 x Reset Button 1x UID LED Button
Drive bays	
HDD Bays	Supports 24 x 2.5"/3.5" Hot Swappable Bays (24Bay SAS 12G expander controller based backplane) Supports 2 x 2.5" hot-swap OS drives (7mm) Supports 2 x M.2 2280 PCIe Gen4.0 x4 (Onboard)
Power Supply	
Power Supply	1300W 80+ Titanium Redundant Power Supply
Security	
Security	TPM 2.0
Form Factor	
Form Factor	4U Rackmount
Gross Weight	38 Kg
Dimensions	680(L) x 430(W) x 174(H) mm
Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	

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