Tyrone Camarero Specifications

Camarero SA700WN-216RT

Key features

Backup Storage, Web or Database Servers,Compact Network Appliance

- Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required), Socket SP3
  Supports CPU TDP 225W / cTDP up to 240W, Up to 32 Cores (Board revision 1.x + 7001 Processors)
  Up to 64 Cores (Board revision 2.x + 7002 Processors)
- System on Chip
- 16 DIMM slots Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM (7001 Processors)
  Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required + 7002 Processors) 8-channel memory bus
- 1 PCI-E 3.0 x16 (FH/HL) slot, 2 PCI-E 3.0 x8 (FH/HL) slots, 2 PCI-E 3.0 x8 (LP) slots
  M.2 Interface: PCI-E 3.0 x2 (NVMe based), Form Factor: 2280, 22110 Key: Onboard M-key, Number of M.2: Dual
- Integrated IPMI 2.0 + KVM with dedicated LAN
- 2x 10GBase-T LAN ports via Broadcom BCM57416
- 16 hot-swap 2.5"" SATA3 drive bays,or 10 hot-swap 2.5"" SATA3 drive bays + optional 6 U.2 NVMe drive
  support with additional cables
- 1200W Redundant Power Supplies Titanium Level (96%)

Processor/Cache

Processor	Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required), Socket SP3 Supports CPU TDP 225W / cTDP up to 240W, Up to 32 Cores (Board revision 1.x + 7001 Processors) Up to 64 Cores (Board revision 2.x + 7002 Processors)

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	16 DIMM slots Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM (7001 Processors) Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required + 7002 Processors) 8-channel memory bus

Expansion Slots

PCI-Express	1 PCI-E 3.0 x16 (FH/HL) slot, 2 PCI-E 3.0 x8 (FH/HL) slots, 2 PCI-E 3.0 x8 (LP) slots M.2 Interface: PCI-E 3.0 x2 (NVMe based), Form Factor: 2280, 22110 Key: Onboard M-key, Number of M.2: Dual

Integrated On-Board

SATA	16 SATA3 (6 Gbps) ports
LAN:	2x 10GbBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	Optional

Front Panel

LEDs :	Power LED, Hard drive activity LED, 2x Network activity LEDs, System Overheat LED / Fan fail LED /UID LED
Buttons:	Power On/Off button, System Reset Button

Drive Bays

16 hot-swap 2.5"" SATA3 drive bays Optional 6 U.2 NVMe drive support with additional cables

Peripherals Drives   Optional slim DVD-ROM drive

Power Supply

1200W Redundant Power Supplies with PMBus

Cooling System

3 heavy-duty PWM fans with optimal fan speed control

Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.5" (89mm) Width : 17.2" (437mm) Depth : 24.8" (630mm)