Tyrone Camarero Specifications

Tyrone®

Camarero SSI100C3A-48

Key features

- **Deep Learning/AI/Machine Learning Development**

- Single Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 270W, Up to 38C/76T
- Intel® C621A
- 16 DIMM slots, UP to 4TB: 16x 16 GB DRAM
- 4 PCI-E 4.0 x16, 3 PCI-E 4.0 x8 (in x16 slot), M.2 Interface: 4 PCI-E 4.0 x4, Form Factor: 2260/2280/22110 Key: M-Key, M.2 support to RAID 0,1, 5, 10, VROC key is required for RAID
- Intel C621A controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10
- 1x 10GBase-T, 1x 1GbE, and dedicated IPMI LAN ports
- 8x 3.5" hot-swap SATA drive bays , Peripheral Bays : 3x 5.25" drive bays
- 2x 80mm Fan(s), 4x 92mm Fan(s)
- 1200W (1 + 1) /2200W Redundant (1+1) Power Supply
  Optional : 1200W Platinum Level Certified High-Efficiency Power Supply

intel inside® XEON®

Processor/Cache

Processor	Single Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 270W, Up to 38C/76T

Chipset

Chipset	Intel® C621A

System Memory

Memory Capacity	16 DIMM slots, UP to 4TB: 16x 16 GB DRAM

Expansion Slots

PCI-Express	4 PCI-E 4.0 x16, 3 PCI-E 4.0 x8 (in x16 slot), M.2 Interface: 4 PCI-E 4.0 x4, Form Factor: 2260/2280/22110 Key: M-Key, M.2 support to RAID 0,1, 5, 10, VROC key is required for RAID

Integrated Onboard

SATA	8 SATA (6Gbps) port(s)
Network Connectivity	1x 10GbE BaseT with Marvell AQC113C, 1x 1GbE BaseT with Intel® I210-AT, 1x 1GbE BaseT with Realtek RTL8211F PHY (dedicated IPMI)

Add-on Options

Raid Card	Optional
Optical Drive	Optional

Front Panel

LEDs	HDD activity, Network activity,Power On , System Overheat / Fan Fail LED
Buttons	Power On/Off, System Reset

Drive Bays

HDD Bays	8x 3.5"" hot-swap SATA drive bays
Peripheral Bays	3x 5.25"" drive bays

Power Supply

1200W (1 + 1) /2200W Redundant (1+1) Power Supply
Optional : 1200W Platinum Level Certified High-Efficiency Power Supply

Cooling System

2x 80mm Fan(s), 4x 92mm Fan(s)

Form Factor

Form Factor	4U Rackmount