# Tyrone Camarero Specifications

## Camarero SDI100C3A-48

### Key features

**Rendering , CAD, Multimedia/Digital Content creation, Engineering/scientific research**

- Dual Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors,Support CPU TDP 270W , Up to 40C/80T; Up to 60MB Cache
  Note : Certain CPU SKUs are conditionally supported, please contact Tyrone Technical Support for additional information about specialized system optimization
- Intel® C621A Chipset
- Memory Capacity: 16 DIMM slots, UP to 4TB: 16x 256 GB DRAM, UP to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem
  Memory Type: 3200MHz ECC DDR4 RDIMM, LRDIMM, Intel® Optane™ persistent memory 200 series
  Note: Memory DIMM capacities larger than 64GB and PMem are supported under certain conditions, please contact Tyrone Technical Support for additional information about specialized system optimization
- 5 PCI-E 4.0 x16, 1 PCI-E 4.0 x8, 2 NVMe M.2 slots
- 3x 5.25"" peripheral drive bays, 8x 3.5"" hot-swap SATA (default) drive bays (SAS supported w/optional RAID controller) up to 4x NVMe SSD support with optional cables
- 1 VGA, 1 COM, 4 USB 3.0 (rear), 2 USB 3.0 (front), 7.1 HD Audio, Supports up to two double width active GPUs
- 5x 8cm heavy duty fans with optimal fan speed control
- 1230W (1 + 1) Redundant Titanium Level Certified High-Efficiency Power Supply

## Processor/Cache

| | |
|---|---|
| Processor | Dual Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors,Support CPU TDP 270W , Up to 40C/80T; Up to 60MB Cache Note : Certain CPU SKUs are conditionally supported, please contact Tyrone Technical Support for additional information about specialized system optimization |

## Chipset

| | |
|---|---|
| Chipset | Intel® C621A Chipset |

## System Memory

| | |
|---|---|
| Memory Capacity | 16 DIMM slots, UP to 4TB: 16x 256 GB DRAM, UP to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem Memory Type: 3200MHz ECC DDR4 RDIMM, LRDIMM, Intel® Optane™ persistent memory 200 series Note: Memory DIMM capacities larger than 64GB and PMem are supported under certain conditions, please contact Tyrone Technical Support for additional information about specialized system optimization |

## Expansion Slots

| | |
|---|---|
| PCI-Express | 5 PCI-E 4.0 x16, 1 PCI-E 4.0 x8, 2 NVMe M.2 slots |

## Integrated Onboard

| | |
|---|---|
| SATA | SATA3 (6Gbps); RAID 0/1/5/10 support , 2 SuperDOM port(s) |
| LAN | 2 RJ45 1GbE (IPMI Shared on LAN port1) |

## Add-on Options

| | |
|---|---|
| Raid Card: | Optional |
| Optical Drive: | Optional |

## Drive Bays

| | |
|---|---|
| HDD Bays | 8x 3.5" hot-swap SATA (SAS/NVMe optional) drive bays, 2 M.2 NVMe |
| Peripheral Drive | 3x 5.25"" drive bays (optional) |

## Power Supply

1230W (1 + 1) Redundant Titanium Level Certified High-Efficiency Power Supply

## Cooling System

5x 8cm heavy duty fans with optimal fan speed control

## Form Factor

| | |
|---|---|
| Form Factor | 4U Rackmount |
| Dimensions: | Height : 17.8"" (452mm), Width : 7"" (178mm), Depth : 25.5"" (647mm) |

**Email : info@tyronesystems.com**
**For more/current product information, visit**
**www.tyronesystems.com**