

# Tyrone Camarero Specifications

# Tyrone®

## Camarero SSI100C3R-28

### Key features

- Embedded Ready, Quad 1GbE LAN
- 3rd Gen Intel® Xeon® Scalable processors, Single Socket LGA-4189 (Socket P+) supported, CPU TDP supports Up to 270W TDP
- Intel® C621A
- Up to 2TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-3200MHz Up to 2TB Intel® Optane™ Persistent Memory 200 Series, in 8 DIMM slots
- 2 PCI-E 4.0 x16, 1 PCI-E 4.0 x8, M.2 Interface: 1 SATA/PCI-E 3.0 x4 OR 1 PCI-E 4.0 x16, 1 PCI-E 4.0 x8 (in x16 slot), 2 PCI-E 4.0 x8, 3 PCI-E 3.0 x8 ,M.2 Interface: 1 SATA/PCI-E 3.0 x4
- Intel® C621A controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10
- Quad LAN with 1GbE with Intel® I350-AM4 / Quad LAN with Intel® i210 Gigabit Ethernet Controller  
Optional : Dual LAN with Intel® i210 Gigabit Ethernet Controller / Dual LAN with 10GBase-T with Intel® X550
- Supports 12V DC power input
- 5 USB 3.0 (2 rear, 1 Type-A, 2 via header), 6 USB 2.0 (2 rear, 4 via headers)
- "8x 3.5""(tool-less) or 2.5""(screw) hot-swap SAS3/SATA drive bay, Optional 2x 3.5"" fixed drive bay, Optional rear 2x 2.5"" hot-swap drive bay kit"
- 3x 80mm heavy duty fan(s) with PWM fan(s) speed control
- 600W / 650W /800W/1000W Single/Redundant Power Supply



### Processor/Cache

**Processor** 3rd Gen Intel® Xeon® Scalable processors, Single Socket LGA-4189 (Socket P+) supported, CPU TDP supports Up to 270W TDP

### Chipset

**Chipset** Intel® C621A

### System Memory

**Memory Capacity** "Up to 2TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-3200MHz Up to 2TB Intel® Optane™ Persistent Memory 200 Series, in 8 DIMM slots"

### Expansion Slots

**PCI-Express** 2 PCI-E 4.0 x16, 1 PCI-E 4.0 x8, M.2 Interface: 1 SATA/PCI-E 3.0 x4 OR 1 PCI-E 4.0 x16, 1 PCI-E 4.0 x8 (in x16 slot), 2 PCI-E 4.0 x8, 3 PCI-E 3.0 x8 ,M.2 Interface: 1 SATA/PCI-E 3.0 x4

### Integrated On board

**SATA:** Intel® C621A controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10

**LAN** Quad LAN with 1GbE with Intel® I350-AM4 / Quad LAN with Intel® i210 Gigabit Ethernet Controller  
Optional : Dual LAN with Intel® i210 Gigabit Ethernet Controller / Dual LAN with 10GBase-T with Intel® X550

### Add-on Options

**Raid Card :** Optional

**Optical Drive:** Optional

### Front Panel

**LEDs** Power status LED, HDD activity LED, System Information LED, Power Fail LED, 2 Network Activity LEDs

**Buttons** Power On/Off Button, System Reset Button

### Drive Bays

**HDD Bays** "8x 3.5""(tool-less) or 2.5""(screw) hot-swap SAS3/SATA drive bay, Optional 2x 3.5"" fixed drive bay, Optional rear 2x 2.5"" hot-swap drive bay kit"

**Peripheral drives** Optional 1x slim DVD-ROM drive bay, Optional 1x COM port tray, Optional 2x USB 2.0 ports  
Optional 2x USB 3.0 ports

### Power Supply

600W / 650W /800W/1000W Single/Redundant Power Supply

### Cooling System

3x 80mm heavy duty fan(s) with PWM fan(s) speed control

### Form Factor

**Form Factor** 2U Rackmount

**Dimensions** Height : 3.5"" (89 mm),  
Width : 17.2"" (437 mm) ,  
Depth : 25.5"" (647 mm)

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**For more/current product information, visit  
[www.tyronesystems.com](http://www.tyronesystems.com)**