

Tyrone Camarero Specifications

Tyrone®

Camarero SS400TA-48R

Key features

- Single Socket P (LGA 3647) 2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake), Intel® Xeon® W-32xx Processors, Support CPU TDP up to 205W Up to 28 Cores, NOTE: BIOS version 3.0b or above is required to support 2nd Gen. Intel® Xeon® Scalable processors"
- Intel® C621 chipset
- 12 DIMM slots, Intel® Xeon® Scalable Processors: Support up to 3TB 3DS ECC RDIMM, DDR4-2933MHz; up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz; or 3TB DCPMM, DDR4-2666MHz, in 12 DIMM slots. Intel® Xeon® W-3200 Processors: Support up to 2TB 3DS ECC RDIMM/LRDIMM; up to 1TB 3DS RDIMM/LRDIMM. (Xeon® W-3200 doesn't support DCPMM.)
- 4 PCI-E 3.0 x16 slots, 3 PCI-E 3.0 x8 (in x16 slot), PCI-E x16 Slot#1 shares with M.2, Slot#2 shares with Slot#3 (NA/16,8/8), Slot#4 shares with Slot#5 (NA/16,8/8), Slot#6 shares with Slot#7 (NA/16,8/8) (16/NA/16/NA/16/NA/16), Supports 4 GPU
M.2 Interface: PCI-E 3.0 x4, Form Factor: 2260, 2280, 22110, Key: M-Key, M.2 shares PCI-E lanes with PCI-Ex16 slot#1, VROC key is required for RAID
- 1x 10GBase-T and 1x 1GbE LAN ports
- 8 Hot-swap 3.5" SAS/SATA bay with SGPIO
- 1 VGA port, VGA connector is dedicated for IPMI
- 7.1 HD Audio
- 2x 80mm rear hot-swap exhaust PWM fan(s)
- 2200W/1200W/920W Redundant power supply
Optional : 1200W Single Power supply



Processor/Cache

Processor	Single Socket P (LGA 3647) 2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake), Intel® Xeon® W-32xx Processors, Support CPU TDP up to 205W Up to 28 Cores NOTE: BIOS version 3.0b or above is required to support 2nd Gen. Intel® Xeon® Scalable processors"
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Chipset

Chipset	Intel® C621
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System Memory

Memory Capacity	12 DIMM slots, Intel® Xeon® Scalable Processors: Support up to 3TB 3DS ECC RDIMM, DDR4-2933MHz; up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz; or 3TB DCPMM, DDR4-2666MHz, in 12 DIMM slots. Intel® Xeon® W-3200 Processors: Support up to 2TB 3DS ECC RDIMM/LRDIMM; up to 1TB 3DS RDIMM/LRDIMM. (Xeon® W-3200 doesn't support DCPMM.)
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Expansion Slots

PCI Express	4 PCI-E 3.0 x16 slots, 3 PCI-E 3.0 x8 (in x16 slot), PCI-E x16 Slot#1 shares with M.2, Slot#2 shares with Slot#3 (NA/16,8/8), Slot#4 shares with Slot#5 (NA/16,8/8), Slot#6 shares with Slot#7 (NA/16,8/8) (16/NA/16/NA/16/NA/16), Supports 4 GPU M.2 Interface: PCI-E 3.0 x4, Form Factor: 2260, 2280, 22110, Key: M-Key, M.2 shares PCI-E lanes with PCI-Ex16 slot#1, VROC key is required for RAID
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Integrated On-Board

SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10
LAN	1 RJ45 Gigabit Ethernet LAN port, 1 RJ45 10GBase-T Ethernet LAN port, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	Optional
USB	2 USB 2.0 ports (2 via headers, Type A), 6 USB 3.1 Gen1 ports (4 Rears Type A, 2 via headers), 4 USB 3.1 Gen2 ports 1 Rear Type A + 1 Rear Type C, 1 Type A + 1 Type C)

Front Panel

LED	Power LED, Hard drive activity LED, Network activity LEDs, System Overheat / Fan Fail LED
Buttons	Power On/Off button, System Reset button

Drive Bays

HDD Drives	8 Hot-swap 3.5" SAS3/SATA3 drive bays (SATA3 default)
Peripheral Drives	3x 5.25" drive bays

Power Supply

2200W/1200W/920W Redundant power supply Optional : 1200W Single Power supply

Cooling System

2x 80mm rear hot-swap exhaust PWM fan(s)
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Form Factor

4U Rackmount

* As per Bureau of Indian Standards Tyrone Camarero Model Series SS4COTR-4X

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