

Tyrone Camarero Specifications

Tyrone®

Camarero SS400TR-55

Key features

- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Single Socket P (LGA 3647) supported, CPU TDP support 165W, Up to 28 cores
Note: BIOS version 3.0a or above is required to support 2nd Generation Intel Xeon Scalable Processors-SP
- Intel Intel® C621 chipset
- Up to 1.5TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 1.5TB 3DS ECC LRDIMM, DDR4-2933MHz, in 6 DIMM slots; Up to 1TB Intel Optane DC Persistent Memory in memory mode (Cascade Lake Only)
- 2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8
- 2 GbE LAN ports / Dual LAN with 10GBase-T with Intel® X722 + X557
- 12 SATA3 (6Gbps) via C621
- Supports 12V DC power input
- I/O: 1 VGA, 2 COM, TPM header
5 USB 3.0 (2 rear, 1 Type-A, 2 via header), 6 USB 2.0 (2 rear, 4 via headers)
- M.2 NGFF connector, M.2 Interface: PCI-E 3.0 x4, Form Factor: 2242, 2280, Key: M-Key, Double Height Connector
- External: 5.25" x 4, 3.5" x 1; Internal: 3.5" x 5 or 2.5" x 5
- Front: 120 x 25 mm x1 PWM Fan, Rear: 120 x 25 mm x1 PWM Fan
- 500/1200W Single PS, 80Plus Platinum



Processor/Cache

| | |
|-----------|--|
| Processor | 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Single Socket P (LGA 3647) supported, CPU TDP support 165W, Up to 28 cores Note: BIOS version 3.0a or above is required to support 2nd Generation Intel Xeon Scalable Processors-SP |
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Chipset

| | |
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| Chipset | Intel® C621 Chipset |
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System Memory

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|-----------------|---|
| Memory Capacity | Up to 1.5TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 1.5TB 3DS ECC LRDIMM, DDR4-2933MHz, in 6 DIMM slots; Up to 1TB Intel Optane DC Persistent Memory in memory mode (Cascade Lake Only)" |
|-----------------|---|

Expansion Slots

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|-------------|--|
| PCI-Express | 2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, M.2 Interface: PCI-E 3.0 x4, Form Factor: 2242, 2280, Key: M-Key, Double Height Connector |
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Integrated On-Board

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|------|--|
| SATA | Intel® C621 controller for 12 SATA3 (6 Gbps) ports; RAID 0,1,5,10 |
| LAN | 2 GbE LAN ports / Dual LAN with 10GBase-T with Intel® X722 + X557 |
| USB | 6 USB 2.0 ports (2 rear + 4 headers), 5 USB 3.0 ports (2 rear + 2 headers + 1 Type A) |

Add-on Options

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|---------------|----------|
| Raid Card | Optional |
| Optical Drive | None |

Front Panel

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|---------|---|
| LED | 2 Network Activity LEDs, HDD Fail LED, Power Status LED, Power Fail LED, System Information LED |
| Buttons | Power On/Off button, System Reset Button |

Drive Bays

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|------------|--|
| HDD Drives | External: 5.25" x 4, 3.5" x 1; Internal: 3.5" x 5 or 2.5" x 5 |
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Power Supply

500/1200W Single PS, 80Plus Platinum

Cooling System

Front: 120 x 25 mm x1 PWM Fan,
Rear: 120 x 25 mm x1 PWM Fan

Form Factor

Tower/Convertible/5U Rackmount

Dimensions: 560 x 200 x 430 mm (22" x 7.9" x 16.9")

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For more/current product information, visit
www.tyronesystems.com