

Tyrone Camarero Specifications

Tyrone

Camarero SSA100C2W-48



Key features

Workstation

- AMD Ryzen™ Threadripper™ PRO 3000WX / 5000WX Series Processor, up to 64 Cores
- AMD WRX80
- Up to 2TB (RDIMM) / 256GB (UDIMM), ECC/Non-ECC, Unbuffered, U-DIMM, R-DIMM, LRDIMM, and 3DS R-DIMM; 3200Mhz in 8 DIMM slots
- 6 PCI-E 4.0 x16 slots, M.2 Interface: 4 PCI-E 4.0 x4 (Software RAID 0,1,5,10), M.2 Form Factor: 2280, 22110, M.2 Key: M-key, U.2 Interface: 2 U.2 sockets (Software RAID 0,1)
- 4 SATA 3.0 6Gbps (Software Raid 0,1,5 & 10)
- 1x 10GBase-T LAN port, 1 GbE LAN port (shared with IPMI)
- ASPEED AST2600 BMC graphics
- 1 USB 3.2 Gen2x2 port (Type C, 20Gbps), 5 USB 3.2 Gen2 ports, (4 type A + 1 front type C header), 5 USB 3.2 Gen1 ports (3 type A + 2 via header), 2 USB 2.0 ports via header
- 1 COM port (rear), TPM 2.0 header, 7.1 Channel HD Audio
- 10 fan header, 4-pin type fan header, 112V-power header for liquid cooling
- 8 x 3.5"/2.5" hot-swap SAS drive bay with SES3
- 2 x 80mm PWM Chassis Middle Fans, 1 x 92mm PWM Rear fan(s)
- 1200W (1 + 1) / 2000W Redundant Power Supply
Optional : 1200W High-Efficiency Power Supply

Processor/Cache

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|-----------|--|
| Processor | Single AMD Ryzen™ Threadripper™ PRO 3000WX Series processor, Socket sWRX8/SP3, Supports CPU TDP up to 280W, Up to 64 Cores |
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Chipset

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| Chipset | AMD WRX80 |
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System Memory

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|-----------------|---|
| Memory Capacity | 8 DIMM slots, Supports up to 2TB Registered ECC DDR4 3200-MHz SDRAM |
|-----------------|---|

Expansion Slots

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|-------------|---|
| PCI-Express | 6 PCI-E 4.0 x16 slots M.2 Interface: 4 PCI-E 4.0 x4 (Software RAID 0,1,5,10) M.2 Form Factor: 2280, 22110 M.2 Key: M-key U.2 Interface: 2 U.2 sockets (Software RAID 0,1) |
|-------------|---|

Integrated Onboard

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|------|---|
| SATA | AMD WRX80 controller for 4 SATA3 (6 Gbps) ports, Software RAID 0,1,5,10 |
| LAN | 1 RJ45 10GBase-T LAN port, 1 RJ45 GbE LAN port (shared with IPMI) |

Add-on Options

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

Front Panel

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|---------|---|
| LEDs | 2 Network Activity LEDs, Fan Fail/System Over Heat LED, HDD activity LED, Power Status LED, Unit Identification (UID) LED |
| Buttons | Power On/Off button, System Reset Button |
| Ports | 2x USB 3.0 Port(s) |

Drive Bays

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|----------------|--|
| HDD Bays | 8 x 3.5"/2.5" hot-swap SAS drive bay with SES3 |
| Peripheral Bay | 2 x standard 5.25" drive bay, 90 degree rotatable drive cage |

Power Supply

1200W (1 + 1) / 2000W Redundant Power Supply
Optional : 1200W High-Efficiency Power Supply

Cooling System

2 x 80mm PWM Chassis Fans

Form Factor

| | |
|-------------|--------------|
| Form Factor | 4U Rackmount |
|-------------|--------------|

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For more/current product information, visit

www.tyronesystems.com