Tyrone Camarero Specifications

Tyrone

Camerero: SSA20F0A-48

Key Feature

- AMD EPYC™ 4004 series and Ryzen™ 7000 Series Processors, single socket LGA-1718 (socket AM5), up to 170W.
- System on Chip
- Up to 192GB ECC/non-ECC Unbuffered DIMM, DDR5-5200MHz, in 4 DIMM slots.
- "2 PCIe 5.0 x16 (16/NA or 8/8), support up to 2 GPU cards(mechanical is up to 1 triple-width GPU card or 2 double-width GPU cards)
- 1 PCIe 4.0 x4"
- 2x 1Gbit LAN port(i210 AT); a dedicated Realtek 1Gbit LAN for IPMI.
- Micro-ATX form factor
- 1 USB 3.2 Gen2x2 ports (type C, 20Gb, rear); 5 USB 3.2 Gen2 ports(2 Type C, rear, support DP 1.4 Alt mode)
- 1 HDMI 2.0 port, 1 DP 1.4a port
- M.2 Interface: 2 PCIe 5.0 x4 (RAID 0 & 1), M.2 Form Factor: 2280/22110
- Support 8 x 3.5"/2.5"(SATA)+2x 2.5"(SSD) Fix disks
- Cabinet with 3 x 2500 Mid Fan, 1 x Rear Fan
- 1200W Power Supply

EPYC

Processor/Cache

Processor	AMD EPYC™ 4004 series and Ryzen™ 7000 Series Processors, single socket LGA-1718 (socket AM5), up to 170W.

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	Up to 192GB ECC/non-ECC Unbuffered DIMM, DDR5-5200MHz, in 4 DIMM slots.

Expansion Slot

PCI-Express	1 PCIe 4.0 x4, 2 PCIe 5.0 x16 slots (16/NA or 8/8), M.2 Interface: 2 PCIe 5.0 x4, RAID 0 & 1

Integrated Onboard:

SATA	4 SATA3 ports; RAID 0,1,10
Network Connectivity	Dual LAN with Intel® i210 Gigabit Ethernet Controller, Single LAN with ASPEED AST2600 BMC, Dedicated LAN for IPMI
LAN	1 USB 3.2 Gen2x2 port(s) (1 rear type C 20Gb), 5 USB 3.2 Gen2 port(s) (3 rear type A 10Gb; 2 rear type C DP 1.4 Alt mode) 2 USB 3.2 Gen1 port(s) (2 headers 5Gb), 1 USB 2 port(s) (1 via header 2 ports by a header)

Add-on Options

Raid Card	Optional
Optical Drive	None

Drive bays

HDD Bays	Support 8 x 3.5"/2.5"(SATA)+2x 2.5"(SSD) Fix disks

Power Supply

Power Supply	1200W Power Supply

Cooling System

Cabinet with 3 x 2500 Mid Fan, 1 x Rear Fan

Form Factor

Form Factor	4U Rackmount

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www.tyronesystems.com