Tyrone Camarero Specifications

Camarero SSA70012R-28R

Key features

Cloud and Virtualization needs, Connectivity/Storage, Computer Nodes, Database Processing & Storage, High End Enterprise Server, Hosting & Application delivery

- Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required), Socket SP3 Supports CPU TDP 225W / cTDP up to 240W
- Up to 32 Cores (Board revision 1.x + 7001 Processors), Up to 64 Cores (Board revision 2.x + 7002 Processors) System on Chip (SoC)
- 8 DIMM slots Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM (7001 Processors) Supports up to 2TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required + 7002 Processors) 8-channel memory bus
- 3 PCI-E 3.0 x16 (low profile); 3 PCI-E 3.0 x8 (low profile), M.2 Interface: PCI-E 3.0 x4 (NVMe based) M.2 Form Factor: 2280, 22110, M.2 Key: Onboard M-key, Number of M.2: Single
- Integrated IPMI 2.0 + KVM with dedicated LAN
- 🖲 2x 1GbE LAN ports via Intel® 1210
- 8 hot-swap 3.5"" SAS3/SATA3 Drive Bays (on-board Broadcom 3008 IR mode),1 M.2 NVMe SSD slot Supported
- 740/800W Redundant Power supply

Processor/Cache		Front Panel	
Processor	Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required), Socket SP3 Supports CPU TDP 225W / CTDP up to 240W Up to 32 Cores (Board revision 1.x + 7001 Processors), Up to 64 Cores (Board revision 2.x + 7002 Processors)	LEDs : Buttons:	Power LED, Hard drive activit LEDs, System Overheat LED / Power On/Off button, Syster
Chipset		Drive Bays	
Chipset System on Chip			8 hot-swap 3.5""
System Memory		Peripherals Driv	es: Slim DVD-ROM o
Memory Capacity 8 DIMM slots Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM (7001 Processors) Supports up to 2TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required + 7002 Processors)8-channel memory bus		Power Supply	
		740/800W Redundant Power supply	
Expansion S	lots		
• 3 PCI-E 3.0 x16 (low profile);3 PCI-E 3.0 x8		Cooling System	
	(low profile), M.2 Interface: PCI-E 3.0 x4 (NVMe based)M.2 Form Factor: 2280, 22110, M.2 Key: Onboard M-key, Number of M.2: Single	3 heavy-duty PWM fans with optimal fan speed	
Integrated On-Board		Form Factor	
	GATA3 (6 Gbps), Broadcom 3008 SAS3 (12 Gbps) controller, IR mode; RAID 0, 1, 10	Form Factor	2U Rackmount
LAN: 2	x 1GbE LAN ports, 1 RJ45 Dedicated IPMI LAN port	Dimensions:	Height : 3.5"" (89mm), Width : 17.2"" (437mm),
Add-on Opti	ons		Depth : 25.5"" (647mm)
Raid Card	None	Email : info@tyronesys	
Optical Drive	Optional	For more/current product info www.tyronesystems.	

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LEDs :	Power LED, Hard drive activity LED, 2x Network activity LEDs, System Overheat LED / Fan fail LED / UID LED	
Buttons:	Power On/Off button, System Reset Button	
Drive Bays		
	8 hot-swap 3.5"" SAS3/SATA3 Drive Bays	
Peripherals Dr	ives : Slim DVD-ROM drive (optional)	
Power Supp	ly	
740/800W R	edundant Power supply	
Cooling Sys	tem	
3 heavy-duty PV	/M fans with optimal fan speed control	
Form Factor	1	
Form Factor	2U Rackmount	
Dimensions:	Height : 3.5"" (89mm), Width : 17.2"" (437mm),	

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