Tyrone Camarero Specifications

Camarero SDI100C3R-14

Key features

Web Server, Firewall Application, Data Center Optimized, Value IaaS, Cloud Computing, Compact Server, DNS & Gateway Servers, Firewall Application, CDN, Edge Nodes

- Dual sockets P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors
- Intel® C621A Chipset
- 16 DIMMs up to 6TB 3DS ECC DDR4-3200: LRDIMM/RDIMM/Intel® DCPMM
- 2 PCI-E 4.0 x16 FHHL; 2 PCI-E 4.0 x16 AIOM (OCP 3.0); 2 PCI-E 3.0 x2 NVMe M.2
- Dual AIOM with NCSI (OCP 3.0) for networking, 1 dedicated IPMI LAN
- 4x 3.5/2.5" hot-swap SATA/SAS drive bays
- 6 counter-rotating 4 cm PWM fans with optimal fan speed control, 2 air shrouds
- 860W redundant Platinum level 100-240Vac and 200-240 Vdc power supplies
- 1 VGA, 1 COM, 2 USB 3.0 (rear)

Processor/Cache

Processor	Dual Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 270W,Up to 40C/80T; Up to 60MB Cache CPUs with TDP higher than 185W may have support conditions due to power and thermal limitations.

Chipset

Chipset	Intel® C621A Chipset

System Memory

Memory Capacity	16 DIMM slots, Up to 4TB: 16x 256 GB DRAM, Up to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem Memory Type: 3200/2933/2666MHz ECC DDR4 RDIMM;LRDIMM, Intel® Optane™ persistent memory 200 series

Expansion Slots

PCI-Express	2 PCI-E 4.0 x16 FHHL; 2 PCI-E 4.0 x16 AIOM (OCP 3.0); 2 PCI-E 3.0 x2 NVMe M.2

Integrated Onboard

SATA	SATA3 (6Gbps); RAID 0/1/5/10 support
LAN	1 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	Optional

Front Panel

LEDs	HDD activity LED, Network activity LEDs, Power status LED, Universal Information (UID) LED
Buttons	Power On/Off Button, UID button

Drive Bays

HDD Bays	4x 3.5"" hot-swap SATA/SAS drive bays (Default 3.5"" drive trays can also support 2.5"" drives.) M.2 : 2 M.2 NVMe, M-Key, 2280
Peripheral Bay	2x 2.5" drive bays (optional)

Power Supply

860W redundant Platinum level 100-240Vac and 200-240 Vdc power supplies

Cooling System

6x 4cm heavy duty fans with optimal fan speed control, 2 Air Shroud(s)

Form Factor

Form Factor	1U Rackmount
Dimensions:	Height : 1.7"" (43mm), Width : 17.2"" (437mm), Depth : 25.6"" (650mm)