

Tyrone Camarero Specifications



Camarero SS40012E1-436RTL

Key features

- **Connectivity/Storage Compute Nodes, Database Processing Appliance Platform**
- Single Socket P (LGA 3647), 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors, Support CPU TDP 70-205W, Up to 28 Cores Note : Certain high frequency optimized CPU are not supported, such as Intel Gold 6250 and 6256. Please contact Tyrone Technical Support for additional information.
- Intel® C622 chipset
- 8 DIMM slots, Up to 2TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM Note : 2933MHz in two DIMMs per channel can be achieved by using memory purchased from Tyrone Cascade Lake only. Contact your Tyrone sales rep for more info.
- 1 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8)
1x M.2 Interface: PCI-E 3.0 x4 and SATA, Form Factor: 2280, Key: M-Key, Double Height Connector
- 2x 10GBase-T with Intel® X557
- 36 Hot-swap 3.5" SAS/SATA drive bays with SES3 (24 front + 12 rear); 2 Internal fixed bay support up to
- 4x 2.5" drive bays (optional) 4 Internal fixed 2.5" drive bays 2 Hot-swap 2.5" NVMe/SATA (rear, optional)
- SAS3 via Broadcom 3008 controller
- Server remote management: IPMI 2.0/ KVM over LAN / Media over LAN
- 7 High-performance 8cm PWM fans
- 1200W Redundant Power Supplie Titanium Level (96%)



Processor/Cache	
Processor	Single Socket P (LGA 3647), 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors, Support CPU TDP 70-205W, Up to 28 Cores Note : Certain high frequency optimized CPU are not supported, such as Intel Gold 6250 and 6256. Please contact Tyrone Technical Support for additional information.
Chipset	
Chipset	Intel® C622 chipset
System Memory	
Memory Capacity	8 DIMM slots, Up to 2TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM Note : 2933MHz in two DIMMs per channel can be achieved by using memory purchased from Tyrone Cascade Lake only. Contact your Tyrone sales rep for more info.
Expansion Slots	
PCI-Express	1 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8) 1x M.2 Interface: PCI-E 3.0 x4 and SATA, Form Factor: 2280, Key: M-Key, Double Height Connector
Integrated Onboard	
SATA	ISATA3 (6Gbps) via C622 controller, RAID 0, 1, 5, 10 support
SAS	SAS3 (12Gbps) via Broadcom 3008 SW RAID 0, 1, 10
LAN	2 RJ45 10GBase-T LAN ports 1 RJ45 Dedicated IPMI LAN port
Add-on Options	
Optical Drive	None

Front Panel	
LED's	Power status LED, HDD activity LED, Network activity LEDs, Universal Information (UID) LED
Buttons	Power On/Off button, System Reset button
Drive Bays	
HDD Bays	36 Hot-swap 3.5" SAS/SATA drive bays (24 front + 12 rear drive bays Optional : 2 Hot-swap 2.5" NVMe/SATA drive bays (rear), 2 Internal fixed bay support up to 4x 2.5" drive bays M.2 Interface: PCI-E 3.0 x4 and SATA, Form Factor: 2280, Key: M-Key, Double Height Connector
Power Supply	
	1200W Redundant Power Supplie Titanium Level (96%)
Cooling System	
	7 High-performance 80mm cooling fans
Form Factor	
Form Factor	4U Rackmount
Dimensions	Width : 17.2" (437mm), Height : 7" (178mm), Depth : 27.5" (699mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	