

Tyrone Camarero Specifications

Tyrone

Camarero QS500TN-224R

Key features

Artificial Intelligence (AI), Business Intelligence, ERP, CRM, Scientific Virtualization, In-Memory Database, HCI SAP HANA

- Quad Socket P+ (LGA-4189) 3rd Generation Intel® Xeon® Scalable processors
- Intel® C621
- 48 DIMMs; Up to 18TB 3DS ECC DDR4-3200:LRDIMM/RDIMM/DCPMM
Slot 1: Gen3 x16 FHHL, Slot 2: Gen3 x8 FHFL, Slot 3: Gen3 x16 FHFL, Slot 4: Gen3 x16 FHHL, Slot 5: Gen3 x16 FHFL
Slot 6: Gen3 x8 FHFL, Slot 7: Gen3 x8 LP (Optional), Slot 8: Gen3 x8 LP (Optional), Slot 9: Gen3 x8 LP (Optional)
Slot 10: Gen3 x8 LP (Optional)
- Intel® Ethernet Controller X710-TM4 2x 10G RJ45 + 2x 10G SFP+ port; (optional) AIOM up to 100G QSFP28
- 24 Hot-swap 2.5" Hybrid NVMe/SAS3/SATA3 drive bays; on board 2 M.2 SATA
- 4 heavy duty fans w/ optimal fan speed control; 1 Air Shroud
- 2000W Redundant Power Supplies with PMBus



Processor/Cache

Processor "Quad Socket P+ (LGA-4189), 3rd Generation Intel® Xeon® Scalable processors, 6 UPI up to 10.4GT/s Support CPU TDP 120-250W, Up to 28 Cores"

Chipset

Chipset Intel® C621

System Memory

Memory Capacity 48 DIMMs; Up to 18TB 3DS ECC
DDR4-3200:LRDIMM/RDIMM/DCPMM

Expansion Slots

PCI-Express Slot 1: Gen3 x16 FHHL,
Slot 2: Gen3 x8 FHFL,
Slot 3: Gen3 x16 FHFL,
Slot 4: Gen3 x16 FHHL,
Slot 5: Gen3 x16 FHFL
Slot 6: Gen3 x8 FHFL,
Slot 7: Gen3 x8 LP (Optional),
Slot 8: Gen3 x8 LP (Optional),
Slot 9: Gen3 x8 LP (Optional)
Slot 10: Gen3 x8 LP (Optional)

Integrated Onboard

Network Connectivity : 2x 10G BaseT with Intel® X710-TM4;
2x 10G SFP+ with Intel® X710-TM4 (Optional) AIOM up to 100G QSFP 28

IPMI : Support for Intelligent Platform Management Interface v.2.0,
IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Front Panel

Front Panel HDD activity, Network activity, Power status,
System information (overheat/UID)

Buttons Power On/Off button, System Reset

Drive Bays

HDD Bays 24 Hot-swap 2.5" Hybrid NVMe/SAS3/SATA3 drive
bays (24 NVMe 2.5" hybrid;)
M.2 : 2 M.2 SATA3"

Power Supply

2000W Redundant Power Supplies with PMBus

Cooling System

4 heavy duty fans with optimal fan speed control, 1 Air Shroud

Form Factor

Form Factor 2U Rackmount

Dimensions: Height : 3.50" (89.00mm),
Width : 17.30" (439.50mm),
Depth : 31.60" (805.00mm)

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For more/current product information, visit

www.tyronesystems.com