

Tyrone Camarero Specifications

Tyrone

Camarero QS400TU-224R4

Key features

- 48 DDR4 DIMM Slots, up to 6TB, Up to 11 PCI-E 3.0 slots, 4 Hot-Swap NVMe Bays support via optional NVMe AOC, Flexible Connectivity Options
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Quad Socket P (LGA 3647) supported, CPU TDP support 205W, 3 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 12TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 12TB 3DS ECC LRDIMM, DDR4-2933MHz, in 48 DIMM slots Up to 12TB 3DS ECC DDR4-2933 MHz RDIMM/LRDIMM in 48 DIMM slots; Up to 12TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- 5 PCI-E 3.0 x8 slots, 6 PCI-E 3.0 x16 slots
- 4 GbE LAN ports via AOC-2UR66-i4G 1 dedicated IPMI LAN port
- 24 Hot-swap 2.5" SAS3/SATA3 drive bays supported via optional Add-on RAID controller card; 4 Hybrid ports with NVMe support via extra AOC
- Optional up to 2 Active Cooling GPUs
- 4x 8cm heavy duty fans
- 1600W Redundant Power Supplies Titanium Level (96%)



Processor/Cache

Processor	2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Quad Socket P (LGA 3647) supported, CPU TDP support 205W, 3 UPI up to 10.4 GT/s
-----------	--

Chipset

Chipset	Intel® C621 chipset
---------	---------------------

System Memory

Memory Capacity	Up to 12TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 12TB 3DS ECC LRDIMM, DDR4-2933MHz, in 48 DIMM slots Up to 12TB 3DS ECC DDR4-2933 MHz RDIMM/LRDIMM in 48 DIMM slots; Up to 12TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
-----------------	---

Expansion Slots

PCI Express	5 PCI-E 3.0 x8 slots, 6 PCI-E 3.0 x16 slots
-------------	---

Integrated On-Board

SATA	SATA3 via Intel C621; RAID 0, 1, 5, 10
LAN	4 RJ45 GbE LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

Led's	Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED
Buttons	Power On/Off button, System Reset button

Drive Bays

HDD bays	24 Hot-swap 2.5" SAS3/SATA3 drive bays, Optional 24 SAS3 ports via AOC Optional 20 SAS3 ports via AOC + 4 NVMe ports via AOC
----------	--

Power Supply

Power Supply	1600W Redundant Power Supplies Titanium Level (96%)
--------------	---

Cooling System

Cooling System	4x 8cm heavy duty PWM fans
----------------	----------------------------

Form Factor

Form Factor	2U Rackmount
Width	17.2" (437mm)
Height	3.5" (89mm),
Depth	30.7" (780mm)

Email : info@tyronesystems.com

For more/current product information, visit

www.tyronesystems.com