

Tyrone Camarero Specifications

Camarero QS300TR-424RTL

Tyrone[®]

Key features

- Quad socket R1 (LGA 2011) supports Intel® Xeon® processor E7-8800 v4/v3, E7-4800 v4/v3 family (up to 24-Core)
- Intel® C602J chipset
- Up to 12TB DDR4 (128GB 3DS LRDIMM); 96x DIMM slots (8x memory module boards: X10QBi-MEM2)
- Up to 11x PCI-E 3.0 slots (4 x16, 7 x8)
- I/O ports via Add-on Card: 2x 10Gb LAN, 1x Dedicated LAN for IPMI Remote Management, 1x VGA
- Up to 24x 3.5" Hot-swap drive bays
- 4x 92mm Hot-swap cooling fans, 3x 80mm Hot-swap rear exhaust fans, 2x 80mm rear exhaust fans (option)
- 1620W Redundant (N+1) Power Supplies, Platinum Level (94%)



Processor/Cache

Processor	Quad socket R1 (LGA 2011) supports Intel® Xeon® processor E7-8800 v4/v3, E7-4800 v4/v3 family (up to 24-Core)
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Chipset

Chipset	Intel® C602J chipset
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System Memory

Memory Capacity	96x 288-pin DDR4 DIMM slots, Supports up to 12TB DDR4 ECC 3DS LRDIMM in 96 DIMM slots
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Expansion Slots

PCI-Express	Up to 11x PCI-E 3.0 slots (4 x16, 7 x8)
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Integrated On-Board

SATA	SATA3 (6Gbps) with RAID 0, 1, SATA2 (3Gbps) with RAID 0, 1, 5, 10
LAN	2x RJ45 10GBase-T ports on AOM, 1x dedicated LAN port for IPMI on AOM

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LED Indicators	CPU / System Overheat LED
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Drive Bays

HDD bays	24x 3.5" drive bays. BPN-SAS-846A direct attached backplane, system supports up to 24 HDDs by using selected RAID/HBA card and default HDD connection is onboard C602J chipset 2 SATA3 + 4 SATA2
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Power Supply

1620W Redundant (N+1) Power Supplies, Platinum Level (94%)
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Cooling System

4x 92mm Hot-swap cooling fans, 3x 80mm Hot-swap rear exhaust fans, 2x 80mm rear exhaust fans (option)

Form Factor

Form Factor	4U Rackmount
Width:	17.2" (437mm),
Height:	7.0" (178mm),
Depth:	32.1" (815mm)

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For more/current product information, visit
www.tyronesystems.com