

Tyrone Camarero Specifications

Camarero DS400TU-224RT

Key features

- **Virtualization,Hyperconverge Storage,Cloud Computing,High End Enterprise Server**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 2 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode.
- 1 PCI-E 3.0 x16 slot (FH, 10.5" L),5 PCI-E 3.0 x8 slots (FH, 10.5" L),1 PCI-E 3.0 x8 slot (LP), 1 PCI-E 3.0 x8 slot (internal LP)
- 2x 10GBase-T LAN ports via Intel X540
- 24 Hot-swap 2.5" drive bays; 14 SATA3 (optional 20 SAS3 + 4 NVMe/SAS3), Optional 2 hot-swap 2.5" rear drive bays for SSDs;Optional M.2 NVMe and SATA3 ports
- 4 Heavy duty 8cm PWM fans
- 1000W Redundant Power Supplies Titanium Level (96%)

Tyrone®



Processor/Cache

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

Chipset

| | |
|---------|---------------------|
| Chipset | Intel® C621 Chipset |
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System Memory

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory Capacity | Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode. |
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Expansion Slots

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|-------------|----------------------------------------------------------------------------------------------------------------------------------|
| PCI-Express | 1 PCI-E 3.0 x16 slot (FH, 10.5" L),5 PCI-E 3.0 x8 slots (FH, 10.5" L),1 PCI-E 3.0 x8 slot (LP),1 PCI-E 3.0 x8 slot (internal LP) |
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Integrated On-Board

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|------|-----------------------------------------------------------|
| SATA | SATA3 (6Gbps); RAID 0, 1, 5, 10 |
| LAN | 2 RJ45 10GBase-T LAN ports,1 RJ45 Dedicated IPMI LAN port |

Add-on Options

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|---------------|----------|
| Raid Card | Optional |
| Optical Drive | None |

Front Panel

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|----------------|-----------------------------------------------------------------------------------------------------|
| LED Indicators | Power LED,Hard drive activity LED,Network activity LEDs,System Overheat LED / Fan fail LED /UID LED |
| Buttons | Power On/Off button,System Reset button |

Drive Bays

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|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDD Bays | 24 Hot-swap 2.5" drive bays;14 SATA3 (optional 20 SAS3 + 4 NVMe/SAS3) |
| M.2 | 1 M.2 PCI-E 3.0 x4 M-Key NVMe (2240/2260 /2280/22110),1 M.2 M-Key SATA3 via optional cable CBL-SAST-0538 and plastic stand-off FST-SCRW-0074L (2240/2260/2280 /22110),2 M.2 PCI-E 3.0 x4 M-Key NVMe via optional add-on card AOC-SLG3-2M2 (2260/2280/22110) |

Power Supply

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|-----------------------------------------------------|
| 1000W Redundant Power Supplies Titanium Level (96%) |
|-----------------------------------------------------|

Cooling System

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|---------------------------|
| 4 Heavy duty 8cm PWM fans |
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Form Factor

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|-------------|--------------------|
| Form Factor | 2U Rackmount |
| Height | : 3.5" (89mm), |
| Width | : 17.2" (437mm), |
| Depth | : 27.76" (705.3mm) |

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For more/current product information, visit

www.tyronesystems.com