

Tyrone Camarero Specifications

Tyrone®

Camarero DS400TE1-316R

Key features

- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 205W TDP, 3 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots;
Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- 3 PCI-E 3.0 x16,4 PCI-E 3.0 x8 M.2 Interface: 2 PCI-E 3.0 x4, M.2 Form Factor: 2242/2260/2280/22110, M.2 Key: M-Key (RAID 0,1 support)
- 1 VGA port
- Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10
- Dual LAN with 1GbE with Intel® X722 + Marvell 88E1512
- 16 x 3.5" hot-swap SAS/SATA drive bay with SES2, optional 2 x 2.5" hot-swap drive bay
- 3 x 8cm hot-swap redundant PWM cooling fan(s),2 x 8cm hot-swap exhaust fan(s) & air shroud
- 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm



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 TDP, 3 UPI up to 10.4 GT/s
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Chipset

Chipset	Intel® C621 chipset
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System Memory

Memory Capacity	Up to 4TB 3DS ECC RDIMM,DDR4-2933 MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
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Expansion Slots

PCI-Express	3 PCI-E 3.0 x16,4 PCI-E 3.0 x8 M.2 Interface: 2 PCI-E 3.0 x4,M.2 Form Factor: 2242/2260/2280/22110, M.2 Key: M-Key (RAID 0,1 support)
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Integrated On-Board

SATA	Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10
LAN	2 1GbE LAN ports

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LEDs	2 Network Activity LEDs,HDD activity LED, Power Status LED,Power Fail LED, System Information LED
Buttons	Power On/Off button,System Reset button

Drive Bays

HDD bays	16 x 3.5" hot-swap SAS/SATA drive bay with SES2, optional 2 x 2.5" hot-swap drive bay
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Power Supply

1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Cooling System

3 x 8cm hot-swap redundant PWM cooling fan(s), 2 x 8cm hot-swap exhaust fan(s) & air shroud

Form Factor

Form Factor	: 3U Rackmount
Dimension	: Height :5.2" (132 mm), Width:17.2" (437 mm) ,Depth:25.5" (647 mm)

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For more/current product information, visit

www.tyronesystems.com