

Tyrone Camarero Specifications

Tyrone

Camarero OS400TR-724RT4

Key features

8-Way MP, 224 Cores, Virtualization, ERP, CRM, In-Memory Database Application, Research lab/National Lab, Scale-up HPC

- Octa Socket P (LGA 3647) 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors. 8S-3 UPI up to 10.4GT/s Support CPU TDP 70-205W Up to 28 Cores
- Intel® C621 chipset
- 96 DIMMs; up to 24TB 3DS ECC DDR4-2933MHz RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM
- 23 or 39 (OEM) PCI-E 3.0 slots include: 8 FH x16 PCI-E cards or 8 GPUs or 16 U.2 NVMe + 8 FHFL x16 PCI-E cards or 16 U.2 NVMe + 8 FHFL x16 PCI-E cards or 16 U.2 NVMe + 2 LP x8 (in x16) PCI-E internal cards (storage module) + 5 FHHL x16 PCI-E cards (rear)(Up to 39 PCI-E 3.0 slots for OEM)
- 4 10Gb LAN (SIOM), 1 dedicated LAN for IPMI Remote Management, 1 VGA, 2 USB 2.0, 1 COM via KVM
- 16 Hot-swap 2.5" SAS3 drive bays (w/ RAID cards); 8x 2.5" or 6x 3.5" internal drive bays (w/ RAID cards)
- 8x 9cm Hot-swap counter-rotating rear fans
- 5x 1600W (N+2) Redundant Power Supplies, Titanium Level



Processor/Cache	
Processor	Octa Socket P (LGA 3647) 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors. 8S-3 UPI up to 10.4GT/s Support CPU TDP 70-205W Up to 28 Cores
Chipset	
Chipset	Intel® C621 chipset
System Memory	
Memory Capacity	96 DIMMs; up to 24TB 3DS ECC DDR4-2933MHz RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM
Expansion Slots	
23 or 39 (OEM) PCI-E 3.0 slots include: 8 FH x16 PCI-E cards or 8 GPUs or 16 U.2 NVMe + 8 FHFL x16 PCI-E cards or 16 U.2 NVMe + 8 FHFL x16 PCI-E cards or 16 U.2 NVMe + 2 LP x8 (in x16) PCI-E internal cards (storage module) + 5 FHHL x16 PCI-E cards (rear)(Up to 39 PCI-E 3.0 slots for OEM)	
Integrated On-Board	
SATA	Intel C621 including 2 SATA3 (SATA DOM), 2 M.2 (SATA3/PCIe), 8 HDD (SATA3), 1 TPM header
LAN	4 10GBase-T ports via SIOM, 1 dedicated LAN port for IPMI
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	16 Hot-swap 2.5" SAS3 drive bays (w/ RAID cards); 8x 2.5" or 6x 3.5" internal drive bays (w/ RAID cards)
Power Supply	
5x 1600W (N+2) Redundant Power Supplies, Titanium Level	
Cooling System	
8x 9cm Hot-swap counter-rotating rear fans	
Form Factor	
Form Factor	7U Rackmountable (Rackmount Kit: Comes with the system)
Height	12.2" (310mm),
Width	17.63" (448mm),
Depth	28.87" (733mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	

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