

# Tyrone Camarero Specifications

## Camarero SS400R-12R5TP Key features

# Tyrone®



- Centralized/Cloud Radio Access,Network (C-RAN),Universal Customer Premise,Equipment (uCPE), Software Defined WAN (SD-WAN), Network Function Virtualization**
- Intel® Xeon® D-2146NT Processor,8-Core, 16 Threads, 2.3 GHz, 80W
  - System on Chip (SoC)
  - Up to 512GB ECC LRDIMM, up to 256GB reg. ECC RDIMM, DDR4-2133Mz; in 4 DIMM slots
  - 4 PCI-E 3.0 x8 slots for optional AIOM
  - 2x 2.5" drive bays (one drive space, shares with M.2), 2 E1.S, (35°C ambient temperature only)
  - 2 M.2 M-Key: 2280/22110 (space share with one 2.5" drive bay),1 M.2 E-Key: 2230,1 M.2 B-Key: 3042
  - 2x 10GbE (shared with IPMI), 2x 10G, SFP+, 1 Ethernet Management port
  - 2 USB 3.0, 1 VGA,1 COM via RJ45 or Micro USB
  - 5x 40x40x56 mm 13K-11K RPM Counter-rotating Fans
  - 400W Redundant Platinum Level Power Supplies

### Processor/Cache

**Processor** Intel® Xeon® processor D-2146NT,CPU TDP support 80W,8 Cores, 16 Threads

### Chipset

**Chipset** System on Chip (SoC)

### System Memory

**Memory Capacity** Up to 512GB DDR4 ECC LRDIMM, Up to 256GB DDR4 ECC RDIMM, 4 DIMM slots, Memory Type : 2666/2400/2133MHz ECC DDR4 L/RDIMM, Operating speed up to 2133MHz

### Expansion Slots

**PCI-Express** PCI-Express : 4 PCI-E 3.0 x8 slots for AIOM (AIOM is sold separately, it is not included in this standard/barebone system)

M.2 : 2 M.2 M-Key 2280/22110 (space share with one 2.5" drive bay),1 M.2 E-Key 2230,1 M.2 B-Key 3042

### Integrated On-Board

**SATA** SATA3 (6Gbps) ports via SoC controller

**LAN** 2 RJ45 10GbE LAN ports (shared with IPMI), 2 10G SFP+ LAN ports, 1 Ethernet Management port

### Add-on Options

**Raid Card** Optional

**Optical Drive** None

### Front Panel

**LED** Power LED, Hard drive activity LED, Network activity LEDs, System Information LED

**Buttons** Power On/Off button, System Reset button

### Drive Bays

**HDD Drives** 2x 2.5" drive bays (one drive space shares with M.2), 2 E1.S (35°C ambient temperature only)

### Power Supply

400W 1U Redundant Power Supplies with PMbus

### Cooling System

5x 40x40x56 mm 13K-11K RPM Counter-rotating Fans

### Form Factor

1U Rackmount

**Dimensions:** Height:1.7" (43mm),  
Width :17.2" (437mm),  
Depth : 15" (381mm)

**Email : [info@tyronesystems.com](mailto:info@tyronesystems.com)**

**For more/current product information, visit  
[www.tyronesystems.com](http://www.tyronesystems.com)**