

Tyrone Camarero Specifications

Tyrone

Camarero: SO200A2R-624

Key Feature

In-Memory Database, Virtualization, ERP, CRM, Research Lab/National Lab, Scale -up HPC

- Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors
- 128 DIMM Slots; Up to 32TB DDR5-4800MHz ECC RDIMM/RDIMM-3DS; Up to 48TB with® Optane™ Persistent Memory 300 series
- Optional PCIe configurations up to 24 PCIe slots with support for 12 double-width GPU/Accelerator cards
- 24x 2.5" Hot-swap NVMe/SAS3/SATA3 drive bays ; 2x internal M.2 NVMe/SATA; Optional RAID support via storage add-on card
- 10 heavy duty fans w/ optimal fan speed control
- 2600W redundant power supply



| | | | | | | | |
|---|---|---|--|---------------------|---|----------------|---------------------------|
| Processor/Cache | Front Panel | | | | | | |
| <table border="1"> <tr> <td>Processor</td> <td>Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors, 4 UPI up to 16GT/s Note : CPUs with high TDP (air cooled) only supported under specific conditions.</td> </tr> </table> | Processor | Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors, 4 UPI up to 16GT/s Note : CPUs with high TDP (air cooled) only supported under specific conditions. | <table border="1"> <tr> <td>LED</td> <td>HDD activity, Network activity, Power status, System information (overheat/UID)</td> </tr> <tr> <td>Buttons</td> <td>Power On/Off UID</td> </tr> </table> | LED | HDD activity, Network activity, Power status, System information (overheat/UID) | Buttons | Power On/Off UID |
| Processor | Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors, 4 UPI up to 16GT/s Note : CPUs with high TDP (air cooled) only supported under specific conditions. | | | | | | |
| LED | HDD activity, Network activity, Power status, System information (overheat/UID) | | | | | | |
| Buttons | Power On/Off UID | | | | | | |
| Chipset | Drive bays | | | | | | |
| <table border="1"> <tr> <td>Chipset</td> <td>Intel® C741 Chipset</td> </tr> </table> | Chipset | Intel® C741 Chipset | <table border="1"> <tr> <td>HDD Bays</td> <td>24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid)</td> </tr> <tr> <td>M.2</td> <td>2 M.2 NVMe OR 2 M.2 SATA3</td> </tr> </table> | HDD Bays | 24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid) | M.2 | 2 M.2 NVMe OR 2 M.2 SATA3 |
| Chipset | Intel® C741 Chipset | | | | | | |
| HDD Bays | 24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid) | | | | | | |
| M.2 | 2 M.2 NVMe OR 2 M.2 SATA3 | | | | | | |
| System Memory | Power Supply | | | | | | |
| <table border="1"> <tr> <td>Memory Capacity</td> <td>128 DIMM slots, Up to 32TB: 128x 256 GB DRAM, Up to 48TB: 64x 512 GB PMem and 64x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM/RDIMM-3DS, Intel® Optane™ persistent memory 300 series , On-Board Devices</td> </tr> </table> | Memory Capacity | 128 DIMM slots, Up to 32TB: 128x 256 GB DRAM, Up to 48TB: 64x 512 GB PMem and 64x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM/RDIMM-3DS, Intel® Optane™ persistent memory 300 series , On-Board Devices | <table border="1"> <tr> <td>Power Supply</td> <td>2600W redundant power supply</td> </tr> </table> | Power Supply | 2600W redundant power supply | | |
| Memory Capacity | 128 DIMM slots, Up to 32TB: 128x 256 GB DRAM, Up to 48TB: 64x 512 GB PMem and 64x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM/RDIMM-3DS, Intel® Optane™ persistent memory 300 series , On-Board Devices | | | | | | |
| Power Supply | 2600W redundant power supply | | | | | | |
| Expansion Slot | Cooling System | | | | | | |
| <table border="1"> <tr> <td>PCI-Express</td> <td>12 PCIe 5.0 x16 FHFL slot(s), 12 PCIe 5.0 x16 FHFL optional slot(s), 2 PCIe 5.0 x16 LP internal optional slot(s)</td> </tr> </table> | PCI-Express | 12 PCIe 5.0 x16 FHFL slot(s), 12 PCIe 5.0 x16 FHFL optional slot(s), 2 PCIe 5.0 x16 LP internal optional slot(s) | <table border="1"> <tr> <td>Power Supply</td> <td>10 Heavy duty counter-rotating 8cm Fan(s)</td> </tr> </table> | Power Supply | 10 Heavy duty counter-rotating 8cm Fan(s) | | |
| PCI-Express | 12 PCIe 5.0 x16 FHFL slot(s), 12 PCIe 5.0 x16 FHFL optional slot(s), 2 PCIe 5.0 x16 LP internal optional slot(s) | | | | | | |
| Power Supply | 10 Heavy duty counter-rotating 8cm Fan(s) | | | | | | |
| Integrated Onboard | Form Factor | | | | | | |
| <table border="1"> <tr> <td>LAN</td> <td>1 RJ45 Dedicated IPMI LAN port, 1x 1GbE RJ45</td> </tr> </table> | LAN | 1 RJ45 Dedicated IPMI LAN port, 1x 1GbE RJ45 | <table border="1"> <tr> <td>Form Factor</td> <td>6U Rackmount</td> </tr> </table> | Form Factor | 6U Rackmount | | |
| LAN | 1 RJ45 Dedicated IPMI LAN port, 1x 1GbE RJ45 | | | | | | |
| Form Factor | 6U Rackmount | | | | | | |
| <table border="1"> <tr> <td>IPMI</td> <td>Support for Intelligent Platform Management Interface v.2.0/IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</td> </tr> </table> | IPMI | Support for Intelligent Platform Management Interface v.2.0/IPMI 2.0 with virtual media over LAN and KVM-over-LAN support | Dimensions | | | | |
| IPMI | Support for Intelligent Platform Management Interface v.2.0/IPMI 2.0 with virtual media over LAN and KVM-over-LAN support | | | | | | |
| Add-on Options | <table border="1"> <tr> <td>Dimensions</td> <td>10.4" (265mm), Width -17.68" (449mm), Depth- 33.1" (841mm)</td> </tr> </table> | Dimensions | 10.4" (265mm), Width -17.68" (449mm), Depth- 33.1" (841mm) | | | | |
| Dimensions | 10.4" (265mm), Width -17.68" (449mm), Depth- 33.1" (841mm) | | | | | | |
| <table border="1"> <tr> <td>Raid Card</td> <td>Optional</td> </tr> <tr> <td>Optical Drive</td> <td>None</td> </tr> </table> | Raid Card | Optional | Optical Drive | None | <p style="text-align: center;"> Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com </p> | | |
| Raid Card | Optional | | | | | | |
| Optical Drive | None | | | | | | |

• Intel, the Intel logo, the Intel Inside logo, Xeon, and Intel Xeon Phi are trademarks of Intel Corporation in the U.S. and/or other countries.
 • Specifications subject to change without notice. Picture used for representation purpose only and the actual product may differ in looks. All other brands and names are the properties of their respective owners.