

# GRAND-C610

A Double Server powered by dual Intel® Xeon® E5 CPU for computing and storage

## Features

- » Double Server, with Intel® Xeon® E5-2600 v3
- » 16 x DIMM Slots, Install up to 1TB memory with 16 x 64GB DIMMs
- » 4 x PCIe slot can support 40GbE network card
- » Storage expandable, up to 1PB
- » IPMI Remote Management



## Specifications

|                             |   |
|-----------------------------|---|
| Form Factor                 |   |
| Form Factor                 | 3U, Rackmount   |
| System                      |   |
| CPU                         | FCLGA2011-3 sockets-support Xeon® E5-2600 v3 family   |
| Chipset                     | Intel® C610   |
| Memory                      | RDIMM / LRDIMM  |
|                             | Total slots: 16   |
| Memory Max.                 | 1 TB (64 GB x 16)   |
| Cooling method / System Fan | Smart Fan 4 (6cm 12V DC)  |
| Physical Characteristics    |   |
| Rack Height                 | 3U  |
| Dimensions (LxWxH) (mm)     | 130.8 (H) x 444 (W) x 744 (D) mm  |
| Net Weight                  | 22.42 kg / 49.43 lb   |
| Storage                     |   |
| Storage                     | 4 x 2.5" SSD/HDD Bay(SAS (12Gbps) SSD or SAS/SATA (6Gbps/3Gbps) SSD)                                  |
|                             | 16 x 3.5" HDD Bay(3.5" SAS (12Gbps/6Gbps) / SATA (6Gbps/3Gbps) HDDs or 2.5" SAS/SATA SSD)             |
|                             | Description:(Max. Raw Capacity: 128TB<br>Interface: SAS 12Gb/s backward-compatible to SAS/SATA 6Gb/s) |
|                             | 2 x M.2(NGFF)   |
| I/O Interface               |   |
| Display Output              | 1 x VGA   |
| Ethernet                    | 2 x LAN(GbE)  |
| I/O Interface               | 4 x External USB 3.0  |
| Expansion                   | 2 x M.2(NGFF)   |
|                             | 1 x PCIe x 16   |
|                             | 3 x PCIe x 8  |
| Other Features              |   |
| IPMI                        | IPMI LAN port, IPMI VGA, IPMI console   |
| Power                       |   |

|                   |                        |
|-------------------|------------------------|
| Power Consumption | Sleep mode: 254.21 W   |
|                   | In Operation: 362.86 W |
| Power Supply      | 650W (Redundant)       |

## Ordering Information

|                    |  |
|--------------------|--|
| GRAND-C610-20C-R10 | 3U 16Bay front 3.5", 4bay rear 2.5" HDD or SSD support, rackmount storage server (Barebone), with 650W redundant PSU, RoHS |
|--------------------|--|

## Packing List

|                                |                                |
|--------------------------------|--------------------------------|
| Ethernet cable x 2             | Power cord x 2                 |
| Flat head screw (for 3.5" HDD) | Flat head screw (For 2.5" HDD) |