

# GRAND-BDE

Intel® Xeon® Processor D-1500 Family Processor

## Features

- » Intel® Xeon® D processor optimizes performance and efficiency
- » 4 x DIMM Slots, Install up to 128 GB memory with 4 x 32GB DIMMs
- » 5 x PCIe slot can support 40GbE network card
- » Storage expandable, up to 1PB


**GRAND-BDE-30B**

**GRAND-BDE-18B**

## Specifications

|                                 |  |
|---------------------------------|--|
| <b>Form Factor</b>              |  |
| Form Factor                     | 2U, Rackmount  |
| <b>System</b>                   |  |
| CPU                             | Intel® Xeon® Processor D-1521, 4 core 2.4 GHz<br>Intel® Xeon® Processor D-1531, 6 core 2.2 GHz<br>Intel® Xeon® Processor D-1548, 8 core 2.0 GHz (for GRAND-BDE-30B only) |
| Memory                          | Total DIMM slots: 4  |
| Memory Max.                     | DDR4 128GB (32GB RDIMM x 4)  |
| Cooling method / System Fan     | 4 x 6 cm High efficiency fan   |
| <b>Physical Characteristics</b> |  |
| Rack Height                     | 2U   |
| Dimensions (LxWxH) (mm)         | GRAND-BDE-30B : 88.3 x 439 x 484.5 mm<br>GRAND-BDE-18B : 88 x 442.5 x 530.5 mm   |
| Net Weight                      | GRAND-BDE-30B : 13.98 kg / 30.82 lb<br>GRAND-BDE-18B : 15.1 kg / 32.28 lb  |
| <b>Storage</b>                  |  |
| Storage                         | Description:(SSD drive bay -<br>GRAND-BDE-18B: 12 x 2.5" / 3.5"[Front] ; 6 x 2.5"[Rear]<br>GRAND-BDE-30B: 24 x 2.5"[Front] ; 6 x 2.5"[Rear])                             |
| <b>I/O Interface</b>            |  |
| Ethernet                        | 4 x LAN(Gigabit)   |
| I/O Interface                   | 2 x External USB 3.0   |
| Expansion                       | 2 x PCIe x 4<br>2 x PCIe x 8<br>Description:(Support specific 10GbE PCIe network card (P/N: LAN-10G2F-PHY-CS4227))   |
| <b>Power</b>                    |  |
| Power Consumption               | GRAND-BDE-30B : In Operation: 255.04W<br>GRAND-BDE-18B : In Operation: 229.53W   |
| Power Supply                    | Redundant power: input 90 to 264VAC: 450W x 2  |

|                       |  |
|-----------------------|--|
| Environment           |  |
| Operating Temperature | 0~40 °C                                    |
| Humidity              | 5 to 95% non-condensing, wet bulb : 27 °C. |

## Ordering Information

|                         |   |
|-------------------------|---|
| GRAND-BDE-18B-D1521-R10 | 2U 12Bay front 3.5", 6bay rear 2.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Xeon® D-1521, 450W redundant PSU, RoHS |
| GRAND-BDE-18B-D1531-R10 | 2U 12Bay front 3.5", 6bay rear 2.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Xeon® D-1531, 450W redundant PSU, RoHS |
| GRAND-BDE-30B-D1521-R10 | 2U 24Bay front 2.5", 6bay rear 2.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Xeon® D-1521, 450W redundant PSU, RoHS |
| GRAND-BDE-30B-D1531-R10 | 2U 24Bay front 2.5", 6bay rear 2.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Xeon® D-1531, 450W redundant PSU, RoHS |
| GRAND-BDE-30B-D1548-R10 | 2U 24Bay front 2.5", 6bay rear 2.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Xeon® D-1548, 450W redundant PSU, RoHS |

## Packing List

|                                 |  |
|---------------------------------|--|
| Ethernet cable x 4              | Power cord x 2   |
| Flat head screws (For 2.5" HDD) | Flat head screws (For 3.5" HDD) for GRAND-BDE-18B-R10 only |