

# 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 Intel® Xeon® Processor D-1531, 6 core 2.2 GHz 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 GRAND-BDE-18B : 88 x 442.5 x 530.5 mm
Net Weight	GRAND-BDE-30B : 13.98 kg / 30.82 lb GRAND-BDE-18B : 15.1 kg / 32.28 lb
<b>Storage</b>	
Storage	Description:(SSD drive bay - GRAND-BDE-18B: 12 x 2.5" / 3.5"[Front] ; 6 x 2.5"[Rear] 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	Description:(Support specific 10GbE PCIe network card (P/N: LAN-10G2F-PHY-CS4227)) 2 x PCIe x 4 2 x PCIe x 8
<b>Power</b>	
Power Consumption	GRAND-BDE-30B : In Operation: 255.04W 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