

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

| | |
|---------------------------------|--|
| Form Factor | |
| Form Factor | 2U, Rackmount |
| System | |
| 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 |
| Physical Characteristics | |
| 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 |
| Storage | |
| 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]) |
| I/O Interface | |
| 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 |
| Power | |
| 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

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|-------------------------|---|
| 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

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|---------------------------------|--|
| 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 |