

GRAND-AL

Intel® Celeron® J3455 4-core 1.5GHz (burst up to 2.3GHz)

Features

- » Intel® Celeron® J3455 quad-core 1.5GHz CPU with AES-NI Encryption
- » 2 x SODIMM Slots, Install up to 8GB memory with 2 x 4GB DIMMs
- » 1 x PCIe x2 slot can support 10GbE network card
- » Storage expandable via USB3.0, up to 200TB



Specifications

| | |
|-----------------------------|---|
| Form Factor | |
| Form Factor | 2U 1U, Rackmount |
| System | |
| CPU | Intel® Celeron® J3455 4-core 1.5GHz (burst up to 2.3GHz) |
| Memory | Slot: SODIMM x 2 |
| Memory Max. | 8GB |
| Cooling method / System Fan | 12B : DC 2 x 70mm, 12V |
| | 08B : DC 2 x 70mm, 12V |
| | 04A : DC 2 x 40mm, 12V |
| Physical Characteristics | |
| Rack Height | 2U 12bay, 8bay |
| | 1U 4bay |
| Dimensions (LxWxH) (mm) | 12B : 89(H) x 482(W) x 534(D) mm |
| | 08B : 89(H) x 482(W) x 534(D) mm |
| | 04A : 44(H) x 439(W) x 499(D) mm |
| Net Weight | 12B : 16.14kg |
| | 08B : 11.02kg |
| | 04A : 7.63kg |
| Storage | |
| Storage | 3.5" HDD Bay(SATA 6Gb/s, 3Gb/s HDD or SSD; Hot-swappable) |
| | 12B: 12 Bay |
| | 08B: 8 Bay |
| | 04A: 4 Bay) |
| | 1 x eMMC |
| I/O Interface | |
| Display Output | 1 x HDMI™(1.4b) |
| Ethernet | 4 x LAN(Gbe) |
| I/O Interface | 4 x External USB 3.0(Rear) |
| Expansion | 1 x PCIe x 4 |

| Power | |
|-----------------------|---|
| Power Consumption | 12B : In operation: 83.52W |
| | 08B : In operation: 82.31W |
| | 04A : In operation: 39.86W |
| Power Supply | 12B : 350W, 100-240V, 250W (x2), 100-240V (redundant) |
| | 08B : 250W, 100-240V, 250W (x2), 100-240V (redundant) |
| | 04A : 250W, 100-240V, 250W (x2), 100-240V (redundant) |
| Environment | |
| Operating Temperature | 0~40 °C |
| Humidity | 5 to 95% non-condensing, wet bulb : 27 °C. |

Ordering Information

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|---------------------|---|
| GRAND-AL-04A-R10 | 1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 250W single PSU, RoHS |
| GRAND-AL-04A-RP-R10 | 1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 250W redundant PSU, RoHS |
| GRAND-AL-08B-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 250W single PSU, RoHS |
| GRAND-AL-08B-RP-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 250W redundant PSU, RoHS |
| GRAND-AL-12B-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 350W single PSU, RoHS |
| GRAND-AL-12B-RP-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J3455, 250W redundant PSU, RoHS |

Packing List

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