

GRAND-MF

AMD R-Series RX-421ND quad-core 2.1 GHz processor, turbo core up to 3.4 GHz

GRAND-MF-16C



GRAND-MF-12B



GRAND-MF-08B



Features

- » AMD R Series RX-421ND quad-core 2.1 GHz CPU (Turbo Core up to 3.4 GHz)
- » 4 x DIMM Slots, Install up to 64 GB memory with 4 x 16GB DIMMs
- » 1 x PCIe slot can support 10GbE network card
- » Storage expandable, up to 1PB

Specifications

| Form Factor | |
|-----------------------------|---|
| Form Factor | 3U 2U, Rackmount |
| System | |
| CPU | AMD R-Series RX-421ND quad-core 2.1 GHz processor, turbo core up to 3.4 GHz |
| Memory | 4 x UDIMM DDR4, up to 2400MHz (For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.) |
| Memory Max. | 64GB (4 x 16GB) |
| Cooling method / System Fan | GRAND-MF-16C : 4 x 92 mm, 12V DC GRAND-MF-12B : 2 x 70 mm, 12V DC GRAND-MF-08B : 2 x 70 mm, 12V DC |
| Physical Characteristics | |
| Rack Height | 3U 16bay 2U 12bay, 8bay |
| Dimensions (LxWxH) (mm) | GRAND-MF-16C : 130 x 481 x 536 mm GRAND-MF-12B : 89 x 482 x 534 mm GRAND-MF-08B : 89 x 482 x 534 mm |
| Net Weight | GRAND-MF-16C : 14.25 kg (31.42 lbs.) GRAND-MF-12B : 10.71 kg (23.62 lbs.) GRAND-MF-08B : 9.86 kg (21.74 lbs.) |
| Storage | |
| Storage | Description:(3.5"/2.5" SATA 6Gb/s HDDs/SSDs GRAND-MF-16C: 16 Bay GRAND-MF-12B: 12 Bay GRAND-MF-08B: 8 Bay) 2 x M.2(NGFF)(2280/2260 SATA 6Gb/s SSDs) |
| I/O Interface | |
| Ethernet | 4 x LAN(Gigabit RJ45) |
| I/O Interface | 4 x External USB 2.0 2 x External USB 3.0 |

| | |
|-----------------------|---|
| Expansion | 1 x PCIe x 4(PCIe Gen 3 x4) |
| Power | |
| Power Supply | 16C : 350W, 100-240V, 500W (x2), 100-240V (redundant) |
| | 12B : 350W, 100-240V, 300W (x2), 100-240V (redundant) |
| | 08B : 250W, 100-240V, 250W (x2), 100-240V (redundant) |
| Environment | |
| Operating Temperature | 0-40 °C |
| Humidity | 5 ~ 95% RH non-condensing, wet bulb: 27 °C |

Ordering Information

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| GRAND-MF-08B-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 250W single PSU, RoHS |
| GRAND-MF-08B-RP-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 250W redundant PSU, RoHS |
| GRAND-MF-12B-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 350W single PSU, RoHS |
| GRAND-MF-12B-RP-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 350W redundant PSU, RoHS |
| GRAND-MF-16C-R10 | 3U 16Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 350W single PSU, RoHS |
| GRAND-MF-16C-RP-R10 | 3U 16Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD RX-421ND, 500Wredundant PSU, RoHS |

Packing List

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