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

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

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