

GRAND-SE

64-Bit Quad-Core AMD® G-Series 2.0GHz

Features

- » The power of 64-bit quad-core processor with AES-NI support
- » 2 x SODIMM Slots, Install up to 16 GB memory with 2 x 8GB DIMMs
- » 1 x PCIe slot can support 10GbE network card
- » Storage expandable via USB3.0, up to 200TB



Specifications

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|-----------------------------|--|
| Form Factor | |
| Form Factor | 2U 1U, Rackmount |
| System | |
| CPU | 64-Bit Quad-Core AMD® G-Series 2.0GHz |
| Memory | 2 SODIMM; Memory expandable up to 16GB DDR3L (8GB x 2) |
| Memory Max. | 16GB DDR3L (8GB x 2) |
| Cooling method / System Fan | 12B : 2 x 70mm, 12V DC |
| | 08B : 2 x 70mm, 12V DC |
| | 04A : 2 x 40mm, 12V DC |
| Physical Characteristics | |
| Rack Height | 2U 12bay, 8bay |
| | 1U 4bay |
| Dimensions (LxWxH) (mm) | 12B : 89 x 482 x 534 mm |
| | 08B : 89 x 482 x 534 mm |
| | 04A : 44 x 439 x 499 mm |
| Net Weight | 12B : 16.14kg |
| | 08B : 11.02kg |
| | 04A : 7.63kg |
| Storage | |
| Storage | Description:(2.5" or 3.5" SATA 6Gb/s, 3Gb/s; hot-swappable |
| | 12B: 12 Bay |
| | 08B: 8 Bay |
| | 04A: 4 Bay) |
| I/O Interface | |
| Ethernet | 4 x LAN(GbE) |
| I/O Interface | External USB 2.0(3 x USB 2.0 : 04A / 2 x USB 2.0 : 08B, 12B) |
| | 2 x External USB 3.0 |
| Expansion | 1 x PCIe x 4(PCIe 2.0 x 4 slot) |
| Power | |

| | |
|-----------------------|---|
| Power Consumption | 12B : In Operation: 135.02 |
| | 08B : In Operation: 94.40 |
| | 04A : In Operation: 50.46 |
| Power Supply | 12B : 250W, 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-SE-12B-RP-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W redundant PSU, RoHS |
| GRAND-SE-12B-R10 | 2U 12Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W single PSU, RoHS |
| GRAND-SE-08B-RP-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W redundant PSU, RoHS |
| GRAND-SE-08B-R10 | 2U 8Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W single PSU, RoHS |
| GRAND-SE-04A-RP-R10 | 1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W redundant PSU, RoHS |
| GRAND-SE-04A-R10 | 1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with AMD GX-420MC, 250W single 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) |