GRAND-GL

Powered by an Intel® Celeron® J4125, quad-core 2.0 GHz processor, the GRAND-GL features two 2.5GbE RJ45 ports, providing up to 2.5 times the speed of Gigabit Ethernet and enabling smoother multimedia playback and everyday usage. With a PCIe Gen 2.0 x 2 slot, the GRAND-GL provides flexibility in extending NAS functionality, allowing you to install various cards for extra network ports, M.2 SSD caching/tiering, or Wi-Fi connectivity. The GRAND-GL ensures data security with AES 256-bit encryption, boosting system performance while ensuring the safety of sensitive business data stored.

Features

- Intel® Celeron® J4125 quad-core 2.0 GHz processor with AES-NI Encryption
- 2 x SODIMM Slots, up to 8GB memory with 2 x 4GB DIMMs
- 1 x PCIe x2 slot can support PCIe expansion card
- Storage expandable via USB 3.2 Gen1 port

Use the existing wiring infrastructure to support 2.5GbE

	CAT 5e	CAT 6	CAT 6A
100M	✓	✓	✓
1G	✓	✓	✓
2.5G	✓	✓	✓
5G	✓	✓	✓
10G	✗	✓ (55m)	✓

No more bandwidth restriction by 1GbE interface! No more DIY to install the 2.5GbE driver to your system from other venders!! GRAND-GL is equipped with 2 independent 2.5GbE NICs for faster and smoother multi-device networking experience. The available PCIe expansion slot is ready for the future business growth.

Accelerate IOPS performance with SSD Caching

Adding an SSD cache to the GRAND-RE is an easy way to increase IOPS performance and reducing storage volume latency. It is perfect for IOPS-demanding applications (including databases and virtualization) and can significantly improve overall workflows.

Specifications

Model	GRAND-GL-04A	GRAND-GL-04A-RP
CPU	Intel® Celeron® J4125 quad-core 2.0 GHz processor (burst up to 2.7 GHz)	
System memory	Memory Slots SODIMM x 2 (MAX. 8GB)	
PCIe Slot	1 x PCIe Gen 2 x2 slot	
Drive Trays	4	
Drive Types	SATA 6Gb/s, 3Gb/s HDD or SSD; Hot-swappable	
USB	2 x USB 2.0 (Rear) / 2 x USB 3.2 Gen 1	
LAN Ports	2 x 2.5GbE	
HDMI Output	1 x HDMI 1.4b	
LED Indicators	System Status, HDD, Expansion, LAN	
Buttons	Power, Reset	
Form Factor	1U, rack mountable	
Dimensions	43.3 (H) x 482.6 (W) x 483.9 (D) mm	
Net Weight	6.6 kg	8.12 kg
Temperature	0-40°C	
Relative Humidity	5~95% R.H.	
Power Supply	ATX 250W (single)	2 x ATX 250W (redundant)
Fan	2 x 40mm, 12V	

Ordering Information

Part No.	Description
GRAND-GL-04A-R10	1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J4125 4C 2.0GHz, 250W PSU
GRAND-GL-04A-RP-R10	1U 4Bay front 3.5" HDD or SSD support, rackmount storage server system (Barebone) with Intel® Celeron® J4125 4C 2.0GHz, 2 x 300W PSU

Options

Item	Order P/N	Description
RAM	79F00-G004-014-RS	4GB DDR4-2666, SO-DIMM, 260 PIN
Rail kit	RAIL-B02	B02 series slide for 1U,2U chassis

Packing List

Ethernet cable x 1

Power cord x 2 (non RP model only one power cord)

Flat head screws (for 2.5" HDD)

Flat head screws (for 3.5" HDD)