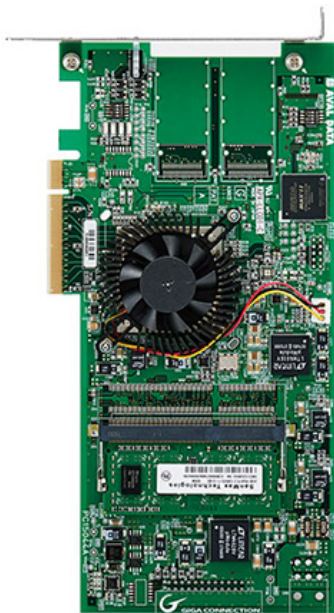


## Embedded Solution

Development of embedded industrial products suitable for customers



### APX-LLC01

Noiseless High Speed Hardware(FPGA) data Compression Board

- › Equipped with lossless compression IP made by Stream Technology
- › By changing the configuration data, products with expanded IP can also be provided
- › Implement preprocessing that is expected to improve the compression rate in order to increase the compression ratio by about 20%
- › Provide expansion DLL for compressed IP loaded products and compressed DLL for expanded IP loaded products
- › PCI Express 3.0 (2.5 GT / s) x 8 lane supported

#### Specifications

Model	Compressed IP installation: APX-LLC01 -C Extension IP installation: APX-LLC01-D
FPGA	Stratix V-GX series (Intel) × 1
Memory capacity	DDR3 SO-DIMM : 533.33MHz (DDR3-1066) 2GB
Status display	LED mounted on front panel
Temperature monitoring	FPGA temperature measurement, FAN rotation speed monitoring
External dimensions (substrate)	217.65 mm × 111.15 mm (not including projections)
usage environment	Temperature: 0 ° C to + 50 ° C Humidity: 35% to 80% (no condensation)
Environmental response	RoHS
△Stream data compression	Compression rate (theoretical value): 56.25% (Best)

This product has stream data compression technology of stream technology Co., Ltd

Notes)

- The specifications and appearance stated are subject to change without notice.
- Power consumption does not include inrush current.
- In order to use the product correctly, be sure to read the instruction manual before using the product. Also, use the product under the conditions applicable to your product warranty.

Compression speed

Configuration example

Compression ratio

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