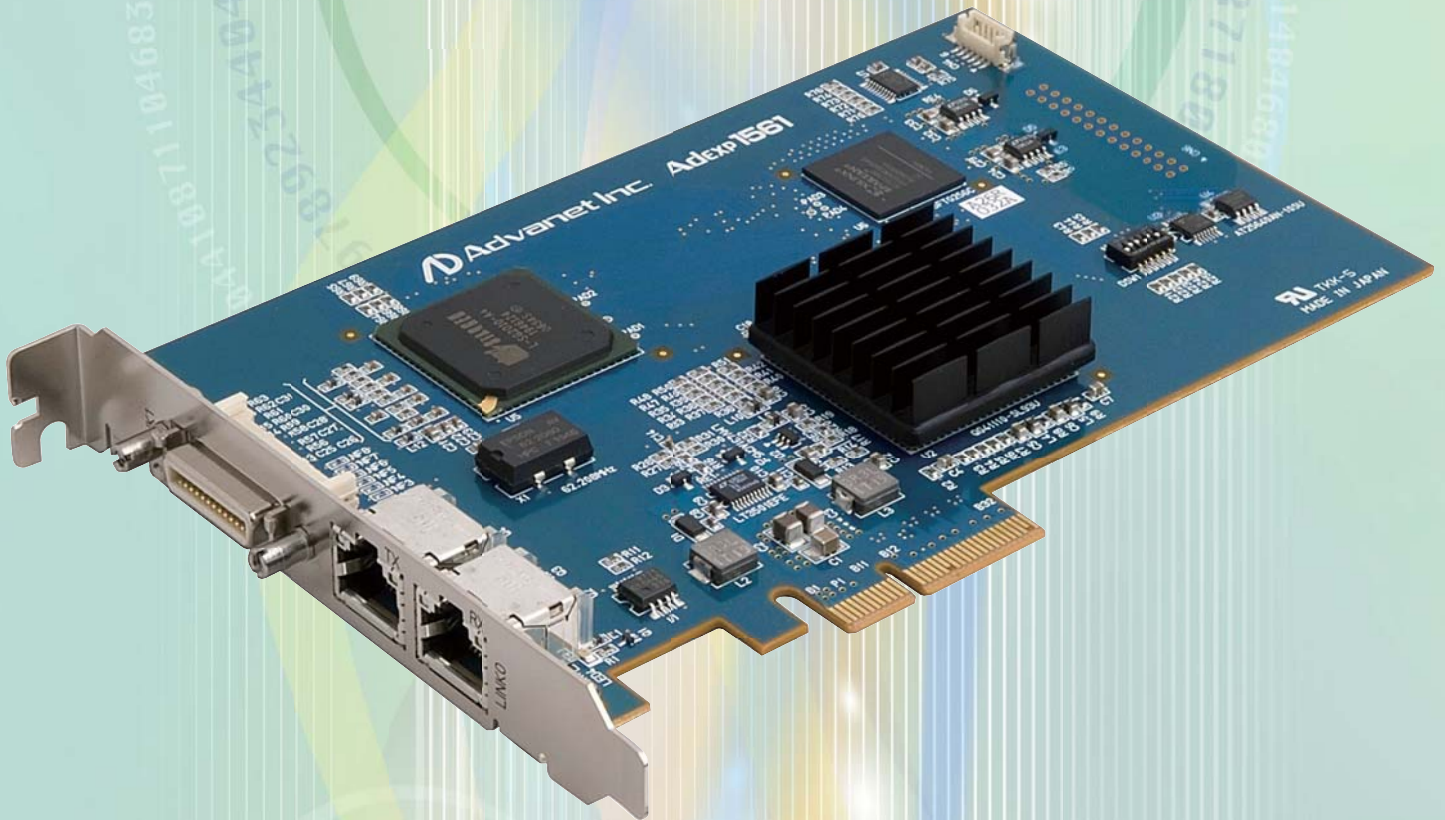


Adexp1561

PCI Express StarFabric Bridge Board

High-performance PCI Express-compatible StarFabric bridge board
DMA controller included
Equipped with two StarFabric ports



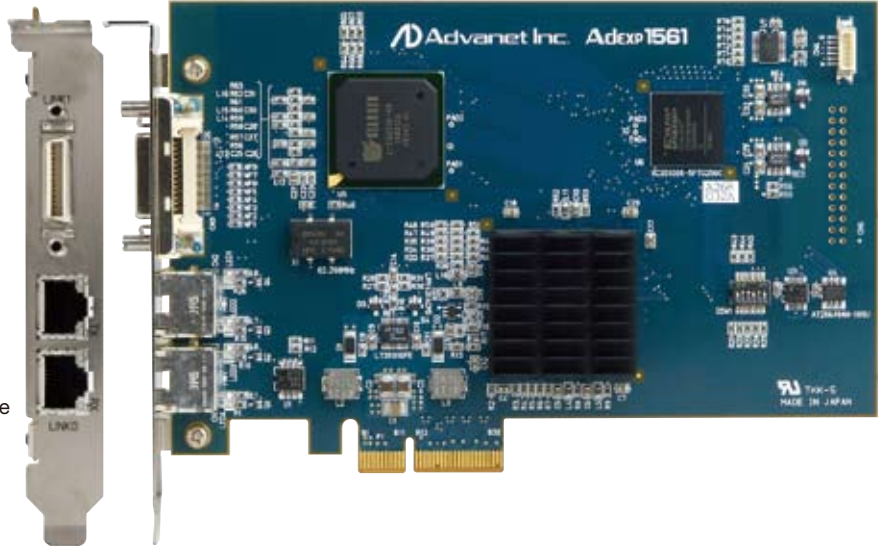
PCI Express StarFabric Bridge Board

Overview

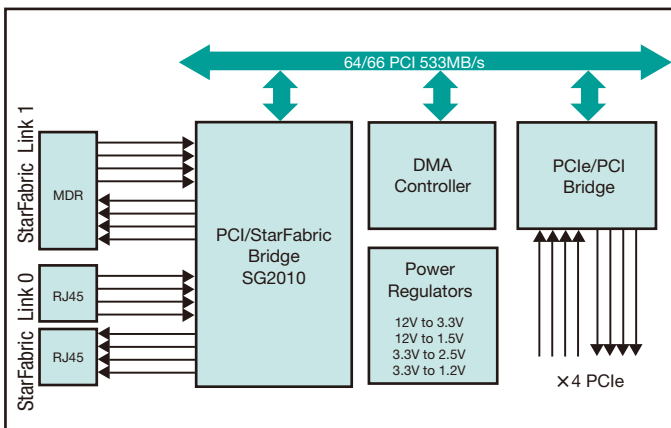
The AdEXP1561 is a PCI Express-compatible StarFabric bridge board. This DMA controller-embedded board enhances the speed of data transfer between PCI Express and StarFabric

Features

- StarGen device driver and utility program are capable of running directly by virtue of the StarFabric bridge chip that is connected to PCI Express via the transparent PCI/PCI bridge.
 - This DMA controller-embedded board enhances the speed of data transfer between PCI Express and StarFabric.
 - The DMA controller is capable of high-speed data transfer downward (in the direction of data transmission to the StarFabric network).
- An integrated 4 Kbyte relay data buffer permits processing of data reading from host memory and writing to StarFabric bridge via efficient burst transfer.



Block Diagram



Specifications

PCI Express lanes	× 4 lane
PCIe bridge device	Intel 41110
StarFabric bridge device	SG2010
num of StarFabric ports	2 ports
StarFabric connector	RJ-45 × 2, MDR × 1
Form-factor	PCI Express half size
Power requirement	DC12V supplied by PCIe bus

Please consult us regarding your specific custom requirements

Note: The following specifications and product appearance are subject to change for enhancement without notice.



ISO 9001
Certification
4016-1995-AQ-KOB-RvA Rev1



ISO 14001
Certification
1426-1999-AE-KOB-RvA



ISO 27001
Certification
01681-2006-AIS-KOB-JIPDEC

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