



## RELY-PCIe Main Benefits

RELY-PCIe is the most robust, flexible and versatile networking card of the market. Thanks to a design based on a FPGA and industrial range components, it can be adapted to the requirements of any application demanded by our customers.

### RELY-PCIe Family

### Most time-aware high-availability NICs

#### Flexible connectivity



Multimedia and multi-rate support (10/100/1000BaseT, 1000SX, 100FX with the same board). Valid for legacy PCI.

Don't support different media or speed rate in the same board. Have to select these features from Factory.

#### Easy to install and operate



Plug & Play: standard Ethernet driver. Supported OS: Windows 7, 8, 8.1, 10; Windows Server 2008 , 2012, 2012 R2, 2016; Linux; FreeBSD; DOS., etc.

Ad-hoc PCIe drivers for limited OS. Not all OS supported. Any change or new feature in the product requires a driver modification.

Web manager based on HTML5 embedded in the card.

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## Most time-aware high-availability NICs

### Value added functionality



Operates as DAN and Redbox through its additional third port (savings in Redbox devices). Hardware proven HSR/PRP solution.

Operates only as DAN. Based on third party technology.

### Edge computing



Embedded intelligence to support PTP & Edge computing.

Don't have processing capacity. Additional features like IEEE 1588 support have to be implemented in the host IPC.

### Reliability and availability



Specifically designed for critical systems:

- Industrial grade components
- Operating temperature: -40°C – 70°C

Commodity range components.



### Adaptability



As being manufacturers of all the value chain, design adaptability to any particular requirement (port mirroring in the third port, wire-speed encryption...).

Designed for one specific function, don't admit adapting.

### Upgradable



Upgrade guaranteed to latest version of the standards (based on FPGA technology).

Based on ASICs, not upgradable to latest versions.

### Synchronization output



PPS and/or IRIG-B signal output for synchronizing third parties.

Don't support any external entity synchronization possibility.