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. Web manager based on HTML5 embedded in the card.	Ad-hoc PCIe drivers for limited OS. Not all OS supported. Any change or new feature in the product requires a driver modification.

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	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.