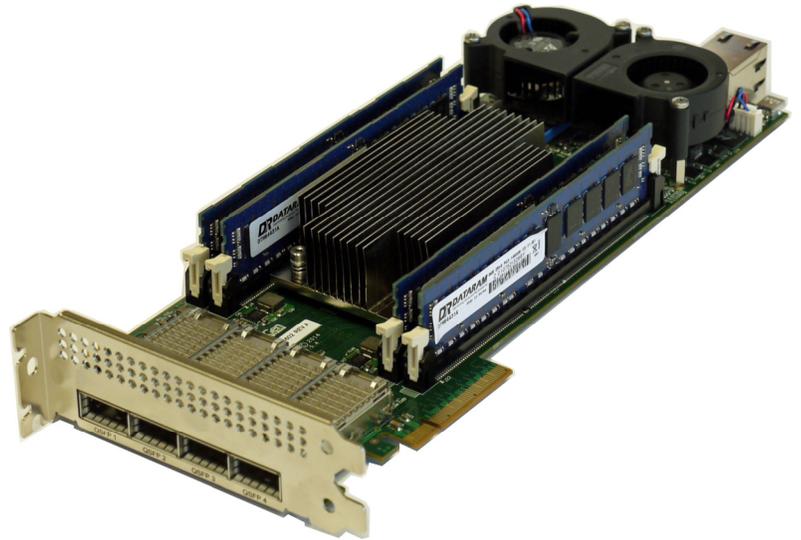


RPE-130

PCI Express Broadcom XLP II Packet Processor Card

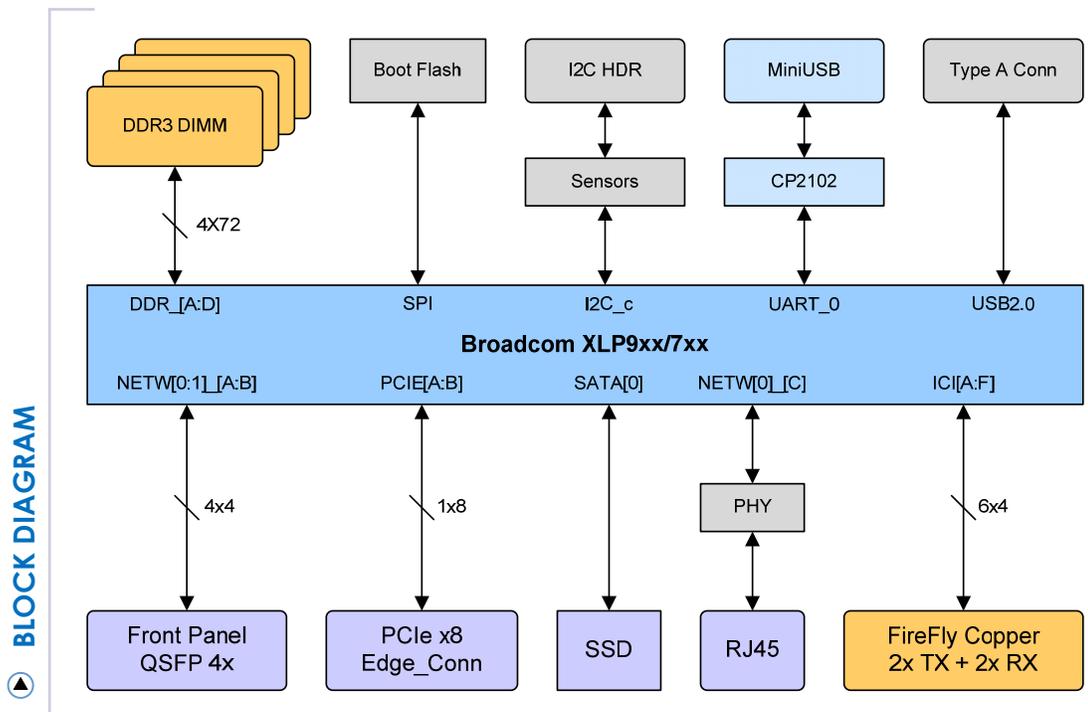
SUMMARY

Featuring Broadcom XLP II technology, the PARPRO RPE-130 Accelerator Card is a high-performance network processor PCI Express card designed for use in PCI Express compliant systems. It showcases the latest Broadcom XLP9xx/7xx Network Processor with clock rate of 1.8GHz. The RPE-130 includes 128GB of quad-channel 72-bit wide DDR3 ECC memory running up to 2133MT/s. Four QSFP/ interfaces are provided on the front panel, supporting 40GigE or 10GigE. Refer to the block diagram for detail.



APPLICATIONS

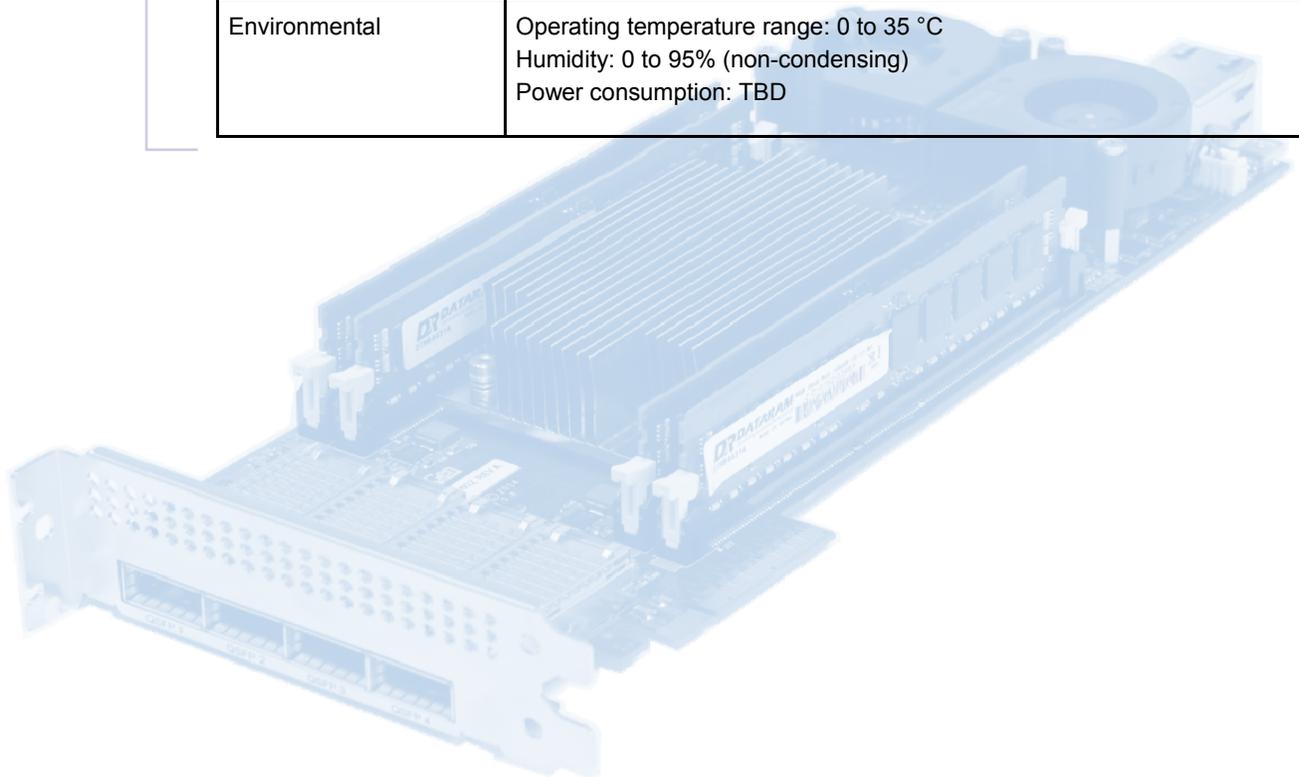
- Packet Processing
- Deep Packet Inspection
- Data Security
- Load Balancing



▶ RPE-130

▲ FEATURES

Network Processing Units (NPUs)	<p>Broadcom XLP 900 or 700 series processors</p> <ul style="list-style-type: none"> • Single processor with clock rate of up to 1.8GHz • Up to 16 cores and 64 nxCPU Virtual CPUs
Memory	<p>Up to 128GB of DDR3 memory w/ ECC on quad-channel x72 bus DDR3 clock rate up to 2133MT/s Up to 64GB soldered down SSD</p>
I/O Capabilities	<p>Four front panel SFP/SFP+ sites</p> <ul style="list-style-type: none"> • Supports 40GigE or 10GigE (via breakout cable) <p>PCI Express Gen3 x8 to base board USB 2.0 Type A host connector MiniUSB UART console 10/100/1000Base-T RJ45 Broadcom ICI coherent Processor interconnect (XLP 900 series only)</p>
Mechanical	<p>Standard dual-slot PCI Express card form factor</p> <ul style="list-style-type: none"> • full length full height • 6-pin aux power connector
Environmental	<p>Operating temperature range: 0 to 35 °C Humidity: 0 to 95% (non-condensing) Power consumption: TBD</p>



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