QLogic QLE3442-CU-CK Dual port PCIe Gen3 10GbE IEA DA Copper

Kod producenta: QLE3442-CU-CK

Architektura	10GbE
Złącze	SFP+
Okablowanie	Twinaxial (Cu) do 5m
Ilość portów	2
Typ złącza magistrali	PCI Express 3.0 x8
Format	Low Profile
Chipset	57840
Technologie	NPAR SR-IOV
iSCSI HW offload	Nie
FCoE	Nie

The QLogic® 3400 Series Intelligent Ethernet Adapters—available in 10GBASE-T (RJ45), SR optic, and direct attach copper (DAC)—support LAN (TCP/IP) traffic at 10Gbps Ethernet (GbE) line-rate speeds. The 3400 Series provides extremely low host CPU usage by enabling full hardware offloads. The 3400 Series leverages QLogic's long-standing industry leadership in Ethernet by providing the highest levels of performance, efficiency, and scalability for the enterprise data center.

For more effective utilization of the 10GbE bandwidth, the QLogic 3400 Series Intelligent Ethernet Adapters offer switch-independent NIC partitioning (network partitioning [NPAR]), which enables segmentation of a single 10GbE port into multiple network partitions and dynamic allocation of bandwidth to each port. The segmentation allows IT organizations to optimize resource utilization while lowering infrastructure and operational costs.

The evolution of data centers—triggered by high-density server virtualization, software-defined networking (SDN), and multitenant cloud computing platforms—demands a high-performance 10GbE solution that boosts CPU efficiency, and reduces capital expenditures (CAPEX) and operating expense (OPEX) of the migration to 10GbE. The QLogic 3400 Series Intelligent Ethernet Adapters are the solution of choice for workload-intensive computing environments, providing a reliable, highperformance 10GbE connectivity solution.

FEATURES
• PCI Express® (PCIe®) Gen3 x8 (8GT/s) support
• Full line-rate performance across both ports
• Broad OS and hypervisor support
• Network boot support for pre-execution environment (PXE) 2.0
• Switch-independent NIC partitioning with up to four partition assignments per 10GbE link
• Energy efficient Ethernet (EEE) support reduces idle power consumption

in RJ45-based networks
• MSI and MSI-X support
• IPv4 and IPv6 offloads
• PCI-SIG® single root input/output virtualization (SR-IOV)
• Comprehensive stateless offloads

Strona firmowa produktu:
https://www.superstorage.pl/qlogic-qle3442-cu-ck-dual-port-pcie-gen3-10gbe-iea-da-copper-p-1390.html