NVIDIA Mellanox MSN3700-VS2F (920-9N201-00FA-0X0)

Kod producenta: 920-9N201-00FA-0X0

Technology	200Gb Ethernet
200GbE ports	32
Connector Type	QSFP56
Airflow	Front to back
Operating System	Onyx

NVIDIA MSN3700-VS2F Spectrum-2 Based 200GbE 1U Open Ethernet Switch with Onyx 32 QSFP56 Ports 2 Power Supplies (AC) x86 CPU Standard Depth P2C Airflow Rail Kit

SN3700 Series Switches

The SN3700 spine/super-spine network switch offers 32 ports of 200GbE in a compact 1U form factor. It enables connectivity to endpoints at different speeds and carries a throughput of 12.8Tb/s, with a landmark 8.33Bpps processing capacity. As an ideal spine solution, the SN3700 allows maximum flexibility, with port speeds spanning from 10GbE to 200GbE per port.

Visibility

- NVIDIA What Just Happened (WJH) telemetry dramatically reduces mean time to issue resolution by providing answers to: When, What, Who, Where and Why
- Hardware-accelerated histograms track and summarize queue depths at submicrosecond granularity
- Inband Network Telemetry (INT)-ready hardware
- Streaming Telemetry
- 512K on-chip flow counters

Performance

- Fully shared packet buffer provides a fair, predictable and high bandwidth data path
- Consistent and low cut-through latency
- Robust RoCE transport to power NVMe over fabric and Machine Learning applications that leverage NVIDIA GPUDirect
- Best-in-class VXLAN scale 10X more tunnels and tunnel endpoints than others
- 512K shared forwarding entries flexibly shared across ACL, LPM routes, host routes, MAC, ECMP and

tunnel applications

Agility

- Comprehensive Layer-2, Layer-3 and RoCE
- Advanced network virtualization with high performance single pass VXLAN routing and IPv6 segment routing
- Cloud Scale NAT 100K+ sessions
- Programmable pipeline that can programmatically parse, process and edit packets
- Deep Packet Inspection 512B deep

Strona firmowa produktu:
https://www.superstorage.pl/nvidia-mellanox-msn3700-vs2f-920-9n201-00fa-0x0-p-5930.html