

NVIDIA Mellanox MSN3700-CS2RC (920-9N201-00R7-0C0)

Kod producenta: 920-9N201-00R7-0C0



Technology	100Gb Ethernet
100GbE ports	32
Connector Type	QSFP28
Airflow	Front to back
Operating System	Cumulus Linux

NVIDIA MSN3700-CS2RC Spectrum-2 Based 100GbE 1U Open Ethernet Switch with Cumulus Linux 32 QSFP28 Ports 2 Power Supplies (AC) Standard Depth x86 CPU C2P Airflow Rail Kit

SN3700C Series Switches

The SN3700C is a 1U 32-port 100GbE Open Ethernet Network spine that can also be used as a high density 10/25GbE leaf when used with splitter cables. The SN3700C switch allows for maximum flexibility, with ports spanning from 1GbE to 100GbE and port density that enables full rack connectivity to any server at any speed, and a variety of blocking ratios. SN3700C ports are fully splittable to up to 128X 10/25GbE ports.

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-cs2rc-920-9n201-00r7-0c0-p-5927.html>