

# NVIDIA Mellanox MSN2700-CS2R (920-9N101-00R7-0X2)

Kod producenta: 920-9N101-00R7-0X2



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

## **NVIDIA MSN2700-CS2R Spectrum Based 100GbE 1U Open Ethernet Switch with Onyx 32 QSFP28 Ports 2 Power Supplies AC x86 CPU Standard Depth C2P Airflow Rail Kit RoHS6**

### **Spectrum Based 32-port 100GbE Open Ethernet Network Switch**

NVIDIA Networking SN2700 provides the most predictable, highest density 100GbE switching platform for the growing demands of today's data centers.

The SN2700 switch is an ideal spine and top-of-rack (ToR) solution, allowing maximum flexibility, with port speeds spanning from 10Gb/s to 100Gb/s per port and port density that enables full rack connectivity to any server at any speed. The uplink ports allow a variety of blocking ratios that suit any application requirement.

Powered by the Spectrum ASIC and packed with 32 ports running at 100GbE, the SN2700 carries a whopping throughput of 6.4Tb/s with a landmark 4.76Bpps processing capacity in a compact 1RU form factor.

### **Benefits**

- A predictable data center through predictable, affordable network
- Choice, no vendor lock-in
- Zero Packet Loss
- Future proof solution: enhanced scalability
- Arranged and organized data center
  - Supports speeds of 1/10/25/40/50/56/100GbE
  - Easy deployment
  - Easy maintenance

- Unprecedented performance
  - Line rate performance on all ports at all packet sizes
  - Storage and server applications run faster
- Lowest power
- Software Defined Networking (SDN) support
- Running Onyx, Cumulus Linux, and alternative operating systems over ONIE

## **Key Features**

- Throughput
  - 6.4Tb/s
  - 4.76 billion packets per second (Bpps)
- High density
  - 32 40/56/100GbE ports in 1RU
  - Up to 64 10/25/50GbE ports
- Lowest latency
  - 300nsec for 100GbE port-to-port
  - Flat latency across L2 and L3 forwarding
- RoHS-compliant

*Strona firmowa produktu:*

<https://www.superstorage.pl/nvidia-mellanox-msn2700-cs2r-920-9n101-00r7-0x2-p-5905.html>