DataON K2N-212
K2N-212 consists of (2) S2D-5212i server nodes direct-attached

**Note on SFP+ and SFP28**

Our dual-port 25GbE RDMA adapters have ports in the form factor of SFP+. To achieve the following speeds, please select the appropriate cables:

- For 25Gb/s, select SFP28 cables
- For 10Gb/s, select SFP+ cables

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10GbE - RJ-45
25GbE - SFP28
25GbE - SFP28
25GbE - SFP28

On-board NIC 1 & 2 - North-South Client/Management Traffic (option 1)
RDMA 2 & 4 - North-South Client/Management Traffic (option 2)
RDMA 1 - East-West Cluster and Storage Traffic
RDMA 3 - East-West Cluster and Storage Traffic
Intel BMC/IPMI RJ-45 for KVM/IP
Cluster Quorum

2-node clusters require a witness to prevent split-brain scenarios. See Understanding Cluster and Pool Quorum at https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/understand-quorum

DataON K2N-212

K2N-212 consists of (2) S2D-5212i server nodes direct-attached

Customer Switch 1

Customer Switch 2

Witness

S2D-5212i Node 1

S2D-5212i Node 2

10GbE - RJ-45
25GbE - SFP28
25GbE - SFP28
25GbE - SFP28
RJ-45

On-board NIC 1 & 2 - North-South Client/Management Traffic (option 1)

RDMA 2 & 4 - North-South Client/Management Traffic (option 2)

RDMA 1 - East-West Cluster and Storage Traffic

RDMA 3 - East-West Cluster and Storage Traffic

Intel BMC/IPMI RJ-45 for KVM/IP

Note on SFP+ and SFP28

Our dual-port 25GbE RDMA adapters have ports in the form factor of SFP+ . To achieve the following speeds, please select the appropriate cables:

- For 25Gb/s, select SFP28 cables
- For 10Gb/s, select SFP+ cables