

# Highspeed datacenter network

Our customers can use a server room VLAN connection on the following port speed Ethernet ports, Budapest XIII., Victor Hugo utca 18-22. in our server rooms below:

- 1GbE
- 10GbE
- 25GbE
- 40GbE
- 50GbE
- 100GbE

With the devices of our subscriber

- can connect to one or two of our switches,
- when connecting to two switches, you can choose to have the two switches
  - be the same
  - or be in different server room.

A device may have multiple cable connections for each switch.

Example: a high-fault-tolerant high-speed connection is possible as follows:

EthernetAdapter-1, Port1	---100GbE--->	Switch1
EthernetAdapter-1, Port2	---100GbE--->	Switch2
EthernetAdapter-2, Port1	---100GbE--->	Switch1
EthernetAdapter-2, Port2	---100GbE--->	Switch2

In the case of a cluster of 3 server machines, if each server has a 4 \* 100GbE connection as above, then

- 6 dualport 100GbE adapters,
- and 12 switchport connections are required for servers.

1-100GbE network cards can be rented from us, and we provide round-the-clock hardware service for them in our server room.

If you need a high-speed connection between your servers, then

- we recommend at least two cable with 10-100GbE connections per device,
- if increased fault tolerance is required, it is recommended to use two adapters on each server and use a connection via two switches.

**Please note that it is now on sale**

- **the 100GbE switch port price is same as 40GbE,**
- **and the 25GbE switch port price is same as 10GbE.**