KerioControl AI NG520/NG521/NG720

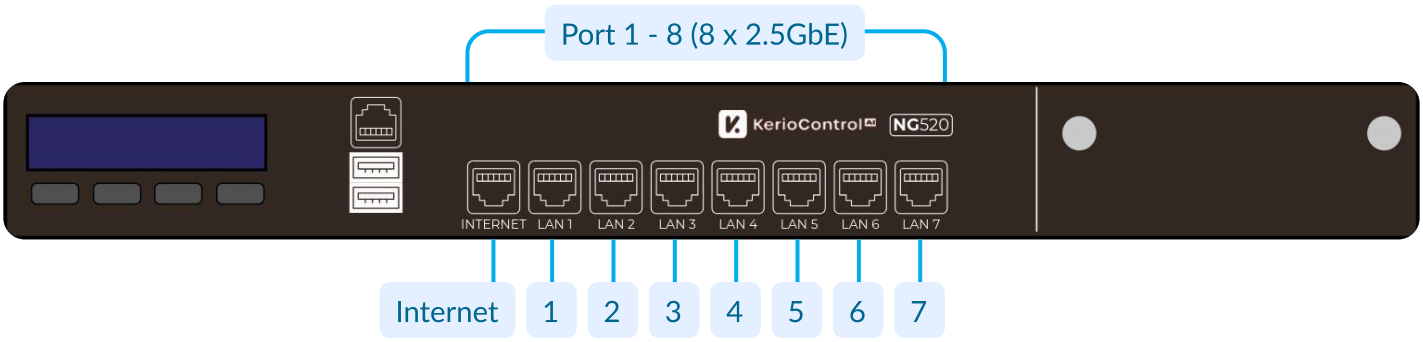
GUIDE

Port Mapping Reference Guide

Device Overview

The GFI KerioControl AI NG520 and NG521 are next-generation network security appliances designed for medium-sized businesses. Both models feature high-performance Intel® Core™ i5-12500 processors with 16GB memory and 256GB M.2 SSD storage. The key difference is the number of ports, with the NG521 offering an additional NIN-module with 8x 1GbE RJ45 ports.

NG520 Port Configuration



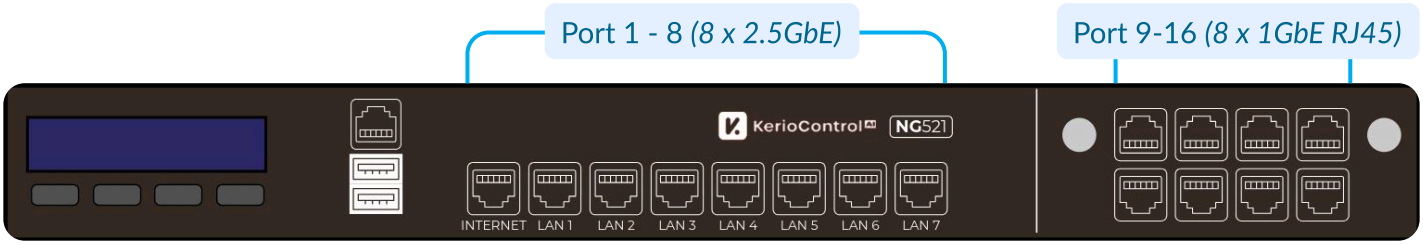
The NG520 features 8 x 2.5GbE copper ports, providing 2.5× higher speed compared to previous generation models.

Port Number	Port Name	System Name	Default Function
Port 1	Internet	enp1s0	WAN/Internet
Port 2	LAN 1	enp2s0	LAN
Port 3	LAN 2	enp3s0	LAN
Port 4	LAN 3	enp4s0	LAN
Port 5	LAN 4	enp5s0	LAN
Port 6	LAN 5	enp6s0	LAN
Port 7	LAN 6	enp7s0	LAN
Port 8	LAN 7	enp8s0	LAN

Network Configuration Options

By default, all LAN ports are configured to operate in LAN Switch mode. They can also be configured in Stand Alone mode.In stand alone mode, each port would function independently rather than as part of a switch group.

NG521 Port Configuration



The NG521 extends the NG520 model with an additional NIN-module providing 8 x 1GbE RJ45 ports, for a total of 16 network interfaces.

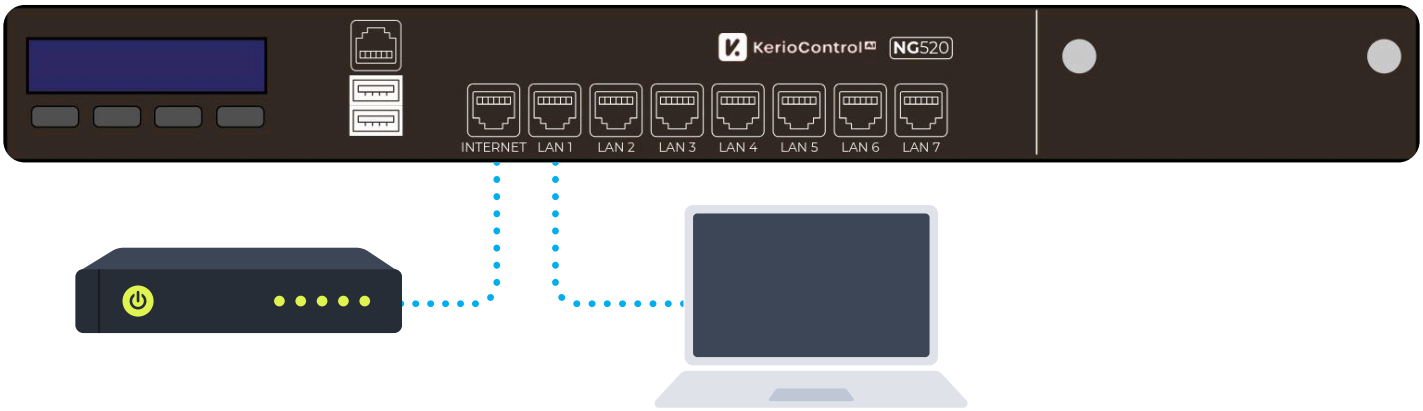
Built-in 2.5GbE Ports (Same as NG520):

Port Number	Port Name	System Name	Default Function
Port 1	Internet	enp15s0	WAN/Internet
Port 2	LAN 1	enp16s0	LAN
Port 3	LAN 2	enp17s0	LAN
Port 4	LAN 3	enp18s0	LAN
Port 5	LAN 4	enp19s0	LAN
Port 6	LAN 5	enp20s0	LAN
Port 7	LAN 6	enp21s0	LAN
Port 8	LAN 7	enp22s0	LAN

Extension Card 1GbE Ports:

Port Number	Port Name	System Name	Default Function
Port 9	LAN 8	enp10s0	LAN
Port 10	LAN 9	enp11s0	LAN
Port 11	LAN 10	enp13s0	LAN
Port 12	LAN 11	enp14s0	LAN
Port 13	LAN 12	enp4s0	LAN
Port 14	LAN 13	enp5s0	LAN
Port 15	LAN 14	enp7s0	LAN
Port 16	LAN 15	enp8s0	LAN

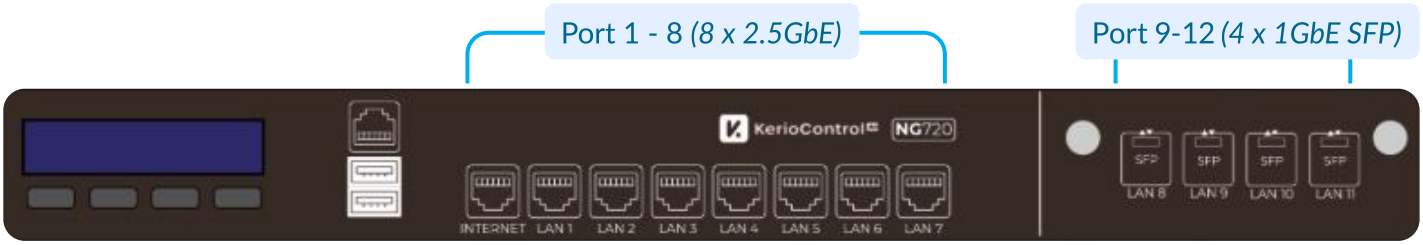
Common Network Configurations



Basic Setup

1. Connect your Internet modem/router to Port 1 (WAN/Internet).
2. Connect the LAN port to the computer that will be used to configure the appliance (LAN).
3. Additional ports can be used as deemed fit.

The NG720 Port Mapping



The NG720 features 8 x 2.5GbE copper ports, providing 2.5× higher speed compared to previous generation models.

Built-in 2.5GbE Ports (Same as NG520):

Port Number	Port Name	System Name	Default Function
Port 1	Internet	enp1s0	WAN/Internet
Port 2	LAN 1	enp2s0	LAN
Port 3	LAN 2	enp3s0	LAN
Port 4	LAN 3	enp4s0	LAN
Port 5	LAN 4	enp5s0	LAN
Port 6	LAN 5	enp6s0	LAN
Port 7	LAN 6	enp7s0	LAN
Port 8	LAN 7	enp8s0	LAN

Extension 1GbE SFP Ports:

Port Number	Port Name	System Name	Default Function
Port 9	LAN 8	enp10s0	LAN
Port 10	LAN 9	enp11s0	LAN
Port 11	LAN 10	enp13s0	LAN
Port 12	LAN 11	enp14s0	LAN

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