GFI KerioControl NG521 Series Network Security Appliance

Overview

The NG521 series is a high-performance 1U network security appliance featuring Intel® Core processors, advanced networking capabilities, and extensive expansion options.

Performance & Capacity

Metric	Value
Number of users	200-300
Number of Devices	1000 - 1500
Concurrent Connections	200k -300k
Throughput Firewall	2.1 Gbps
Throughput UTM	1.3 Gbps
Supported Version	Kerio Control v10 and later

System Specifications

Component	Description
Form Factor	1U Network Appliance
Processor	Intel i5-12500E
Chipset	PCH R680E/H610E support (Q670E Project Base)
RAM	16GB RAM
Memory	SSD 256GB M.2
Graphics	UHD Graphics 770

Network Interfaces

Interface	Specification
LAN Ports	8x RJ45 2.5GbE LAN NIN-module with 8x 1GbE RJ45
Bypass	2 x segments bypass (Support open-mode)
Expansion Options	

Storage & Expansion

Interface	Specification
M.2 Storage	1 x 2280 M.2 Socket (SATA3.0 or PCIe3.0 x4)
Internal Storage	2 x Internal 2.5" SSD/HDD Kit
Module Support	1 x NIN module support (NIP Project base)

I/O Interfaces

Feature	Specification
Console	1 x RJ-45 console Port

Optional Console	1 x USB-C console port (BOM optional)
TPM	TPM Module 9672
Super I/O	NCT6796D-E

System Features

Feature	Specification
System Fans	3 x System Fan
CPU Fan	1 x CPU Fan (Pin header)
Factory Default	Button available
Reset	Hardware Reset Button
System LED	Status indicator
Storage LED	Activity indicator

Power

Feature	Specification
Power Supply	150W ATX PSU
Optional PSU	300W 1U RPSU (Project base)

Additional Features

Feature	Specification
Bridge IC Support	Yes
Interface Support	LPC, RS232, eSPI
Management	EZIO-383

Package Contents

- NG521 Hardware Appliance

- Power Cable

- Quick Start Guide

- Rack Mount Kit

Visit [GFI KerioControl](#) for more information