KerioControl AI

DATASHEET

GFI KerioControl NG520 Series Network Security Appliance



Overview

The NG520 series is a high-performance 1U network security appliance featuring Intel® Core processors, advanced networking capabilities, and extensive expansion options.

Performance & Capacity

Feature	Specification
Number of Users	300
Number of Devices	1500
Concurrent Connections	200k - 300k
Throughput Firewall	2.1 Gbps
Throughput UTM	1.3 Gbps
Supported Version	Kerio Control v10 and later

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Key Features

Component	Description
Form Factor	1U Network Appliance
Processor	Intel® Core Processors (Raptor / Alder Lake-S, Max. 24 hybrid Cores)
Chipset	PCH R680E/H610E support (Q670E Project Base)
Memory	2 x DDR5 5600/4800/4400/4000/3600 MHz ECC/non ECC UDIMMs, up to 128GB (1DPC)
Graphics	UHD Graphics 770

Network Interfaces

Interface	Specification
LAN Ports	8 x 2.5GbE copper onboard (Support LLCF)
Bypass	2 x segments bypass (Support open-mode)
Expansion Options	Daughter board for 4x copper or 4x SFP expansion (Depends on PCH SKU)

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)

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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

GFI Software™

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Package Contents

- NG520 Hardware Appliance
- Power Cable
- Quick Start Guide
- Rack Mount Kit

Visit GFI KerioControl for more information

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