

Introduction

Next-generation network security for modern business

GFI KerioControl represents the evolution of network security, delivering enterprise-grade Unified Threat Management (UTM) and Next-Generation Firewall (NGFW) capabilities designed for today's complex threat landscape. As organizations face increasingly sophisticated cyber attacks, remote workforce challenges, and stringent regulatory requirements, GFI KerioControl provides comprehensive protection that scales with your business needs.



Advanced threat protection

GFI KerioControl's multi-layered security architecture combines deep packet inspection, advanced behavioral analysis, and real-time threat intelligence to protect against modern attack vectors including zero-day exploits, advanced persistent threats (APTs), and AI-powered attacks. The integrated Intrusion Prevention System (IPS) leverages continuously updated threat signatures and behavioral analytics to identify and block emerging threats before they can impact your network.



Unified security management

Consolidating multiple security functions into a single, centralized platform, GFI KerioControl eliminates the complexity and cost of managing disparate security tools. From firewall protection and VPN connectivity to web filtering and bandwidth optimization, administrators can manage their entire security posture through an intuitive, web-based interface that supports both on-premises and cloud-based management.



Flexible deployment options

The NG Hardware Series supports diverse deployment scenarios, from small branch offices to enterprise data centers. Each appliance is engineered for optimal performance in its target environment, featuring Intel processors, high-speed networking interfaces, and redundant power options. Remote deployment capabilities through GFI AppManager AI cloud management enable zero-touch provisioning and simplified management of distributed locations.

Future-Ready Infrastructure Supporting both IPv4 and IPv6, the NG series is designed for network evolution. Advanced QoS capabilities, SD-WAN integration, and API-driven management ensure your security infrastructure can adapt to changing business requirements and emerging technologies.

NG Hardware Series

Hardware models

GFI KerioControl appliances	NG120	NG320	NG520	NG521	NG720
Max users	20	70	300	300	300
Suggested users	10-20	50-70	200-300	200-300	200-300
Max Devices	100	350	1500	1500	1500
Software	GFI KerioControl v10				

Data sheet specifications

GFI KerioControl appliances	NG120	NG320	NG520	NG521	NG720
Processor	Intel Atom x7211RE	Intel Atom C5315, 4 cores/2.4 GHz with Intel QAT	Intel i5-12500E	Intel i5-12500E	i7-12700E
Ethernet Ports	4 x 2.5GbE RJ45	8 x 2.5GbE RJ45, 2 x GbE SFP, 4 x SFP+	8 x 2.5GbE RJ45	8 x 2.5GbE RJ45 + 8 x 1GbE RJ45 (NIN-module)	8 x 2.5GbE RJ45, 4 x 1GbE RJ45, 4 x 10Gbps Fiber SFP
RAM	8GB RAM	16GB DDR4 2933 SODIMM	16GB RAM	16GB RAM	32GB RAM
Storage	SSD 80GB M.2	SSD 80GB M.2	SSD 128GB M.2	SSD 128GB M.2	SSD 80GB M.2

GFI KerioControl appliances	NG120	NG320	NG520	NG521	NG720
I/O Interfaces	1 x RJ45 Console, 2 x USB 3.2 Type A, 1 x USB 3.2 Type C, 1 x DisplayPort	1 x RJ45 Console, 3 x USB 3.0, 1 x 1G RJ45 management	1 x RJ45 Console, 1 x USB-C Console	1 x RJ45 Console, 1 x USB-C Console	1 x RJ45 Console, 2 x USB 3.2, 1 x HDMI, LCD Display
Cooling	Fanless	1 x Fixed smart fan	3 x System Fan, 1 x CPU Fan	3 x System Fan, 1 x CPU Fan	2 x Fixed smart fans
Firewall throughput	900 Mbps	1.1 Gbps	2.1 Gbps	2.1 Gbps	9.4 Gbps
UTM throughput	460 Mbps	900 Mbps	1.3 Gbps	1.3 Gbps	6.5 Gbps
Concurrent connections	3,000 - 4,000	35k-40k	200k - 300k	200k - 300k	250k-300k
Weight (lb/kg)	1.57 lb / 0.715 kg	6.4 lb / 2.9 kg	-	-	11.8 lb / 5.37 kg
Dimensions (W x D x H)	165 x 134.5 x 34 mm (6.5" x 5.3" x 1.3")	440 x 340 x 45mm	-	-	-
Chassis	Fanless desktop design	Desktop design	1U Rack mount unit	1U Rack mount unit	1U Rack mount unit
Power input	36W 12V DC	65W 19V AC	150W ATX PSU	150W ATX PSU	2 x 300W PSU
Supported versions	GFI KerioControl v10 and later				
Warranty	Standard 1 year warranty, upgradable to 3 years				
Safety certifications	CE and FCC Certified				

Model selection guide

- **NG120:** Ideal for small offices and branch locations with basic security requirements. Fanless design ensures silent operation.
- **NG320:** Perfect for medium businesses requiring advanced threat protection with Intel QAT acceleration for enhanced performance.

4 GFI KerioControl NG Series: NG120, NG320, NG520, NG521, NG720 datasheet

- **NG520:** High-performance solution for larger organizations with advanced networking requirements and bypass capabilities for critical applications.
 - **NG521:** Enhanced version of NG520 with additional port expansion through NIN-module, ideal for complex network topologies.
 - **NG720:** Enterprise-grade solution with maximum throughput and redundancy features, including dual power supplies and advanced expansion capabilities.
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