

**Innominate**

# **mGuard** centerport

High-End Firewall & VPN Gateway for Industrial Networks



**mGuard centerport is available in these variants:**

- mGuard centerport
- mGuard centerport 250
- mGuard centerport 1000

Innominate mGuard centerport is a high-end firewall and VPN gateway in 19-inch rack-mount format, ideally positioned as central network infrastructure for remote services solutions and as such an alternative to mGuard bladePack. The device features Gigabit Ethernet interfaces and corresponding router and stateful inspection firewall throughput, making it suitable for use in backbone production networks. As a gateway for Virtual Private Networks, it supports VPN connections for an arbitrary number of systems in VPN tunnel groups with up to 1 000 concurrently active tunnels, all terminating at a single public IP

address. Without a need for multiple IPs or load balancing, it thereby delivers more than 300 MBit/s of encrypted VPN data throughput for secured remote services such as remote assistance, diagnosis, maintenance, and condition monitoring of large amounts of machinery and plant equipment over the Internet.

mGuard centerport comes with full-featured mGuard firmware (version 7.0.0 or newer) running on a multi-core x86 processor architecture. And of course, it is fully compatible with all mGuard VPN field devices and Innominate Device Manager.

Hardware Features	mGuard centerport
CPU	Multi-core x86 processor architecture
1 LAN/1 WAN port	Ethernet IEEE 802.3 10/100/1000 Base-TX, RJ45, Full and Half Duplex, Auto-MDIX
Serial interfaces (console)	VGA-Console, 2 x RS-232
Disk Drives	1 x HDD
Media Drives	1 x DVD-RW
Power supply	2 x 100 – 240 V AC, 250 W, redundant
Temperature	–20°C to +70°C, non-operating 0°C to +50°C, operating
Humidity	10–90%, non-operating 20–90%, operating
MTBF	50000 h
Protection class	Front IP20
Dimensions (H x W x D)	88 x 482 x 472 mm (2U x 19" x 18.58")
Weight	Approx. 10 kg
Firmware Support and Performance	
Firmware compatibility	mGuard version 7.0.0 or newer, cf. respective firmware data sheets for functionality
Router/Firewall data throughput	2 x 1 000 Mbit/s bi-directional
Encrypted VPN data throughput (AES 256)	2 x 150 Mbit/s bi-directional
Max. number of concurrent VPN tunnels (depending on model and/or software license)	mGuard centerport 250: 250 mGuard centerport 1000: 1000
Approvals and Conformity	
CE, designed to meet UL	

Please follow the safety instructions documented in the "Quick Installation Guide".