

# FL MGUARD PCIE4000 VPN - Router



2701278

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Security appliance, PCIE card, 10/100 Mbps, NAT, advanced firewall, VPN, functionally extendable with licenses

## Your advantages

- Central management tool
- Maximum security
- Maximum performance

## Commercial data

Item number	2701278
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN14
Product key	DNN332
Catalog page	Page 341 (C-6-2019)
GTIN	4055626018737
Weight per piece (including packing)	155.1 g
Weight per piece (excluding packing)	141 g
Customs tariff number	85176200
Country of origin	DE

## Technical data

### Interfaces

#### Ethernet

Connection method	RJ45
Transmission speed	10/100 Mbps
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
Signal LEDs	WAN link, WAN activity, LAN link, LAN activity
No. of channels	2 (RJ45 ports)

### System properties

#### Functionality

Basic functions	Router with intelligent firewall and VPN for 10 tunnels (up to 250 supported with optional additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card, extended temperature range, high-performance firewall/VPN: up to 124 Mbps/40 Mbps
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#### System requirements

Supported browsers	HTTPS support required
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### Product properties

Product type	Security routers without DIN rail mounting
Format	PCIe x1

#### Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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#### Security functions

1:1 Network Address Translation (NAT) in the VPN	Supported
Number of VPN tunnels	10 (up to 250 tunnels with additional license as an option)
Authentication	X.509v3 certificates with RSA or PSK
Data integrity	MD5, SHA-1, SHA 256, SHA-512
Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Filtering	MAC and IP addresses, ports, protocols
Firewall data throughput	max. 130 Mbps (Router mode, default firewall rules, bidirectional throughput) max. 61 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Configurable stateful inspection firewall with full scope of functions
Basic functions	Router with intelligent firewall and VPN for 10 tunnels (up to 250 supported with optional additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card, extended temperature range, high-performance firewall/VPN: up to 124 Mbps/40 Mbps

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Internet Protocol Security (IPsec) mode	ESP tunnel / ESP transport
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Network Time Protocol (NTP) client	Client
Remote Syslog Logging	on external server
Routing	Standard routing, NAT, 1:1-NAT, port forwarding
Protection against	IP spoofing, DoS and Syn Flood Protection
Encryption methods	DES, 3DES, AES-128, -192, -256
Virtual private network (VPN) throughput	max. 42 Mbps (Router) max. 27 Mbps (Stealth mode, VPN bidirectional throughput)

## Electrical properties

Local diagnostics	One LED per port Activity LED red One LED per port Link active Green LED
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## Supply

Power supply connection	Via PCI bus
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	0 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 % (non-condensing)

## Mounting

Mounting type	PCIe x1-Slot
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## EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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## Signaling

Status display	Link/activity per port
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## Classifications

### ECLASS

ECLASS-11.0	19170406
ECLASS-12.0	19170406
ECLASS-13.0	19170406

### ETIM

ETIM 9.0	EC001478
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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