# FL MGUARD PCI4000 VPN - Router

2701275

https://www.phoenixcontact.com/us/products/2701275

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

## Your advantages

- Central management tool
- Maximum performance
- Maximum security

## Commercial data

| | |
|---|---|
| Item number | 2701275 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN14 |
| Product key | DNN332 |
| Catalog page | Page 341 (C-6-2019) |
| GTIN | 4046356870078 |
| Weight per piece (including packing) | 155.9 g |
| Weight per piece (excluding packing) | 146 g |
| Customs tariff number | 85176200 |
| Country of origin | DE |

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## 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 |

#### System requirements

| | |
|---|---|
| Supported browsers | HTTPS support required |

### Product properties

| | |
|---|---|
| Product type | Security routers without DIN rail mounting |
| Format | PCI |

#### Insulation characteristics

| | |
|---|---|
| Protection class | III (IEC 61140, EN 61140, VDE 0140-1) |

#### 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 externals 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 |

### Supply

| | |
|---|---|
| Power supply connection | Via PCI bus |

## 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 | PCI slot |

## EMC data

| | |
|---|---|
| Electromagnetic compatibility | Conformance with EMC Directive 2014/30/EU |

## 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 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 43222600 |

## 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" |