

Item no.: 359827

DEC4040EU - OPNsense® Rack Security Appliance

from **4.501,27 EUR**

Item no.: 359827
shipping weight: 3.90 kg
Manufacturer: Deciso



Product Description

DATACENTER EDITION

A great performer with AMD EPYC™ octa core processor in a rack mountable enclosure with dual power supply. This model includes 64 GB DDR4 RAM, 1 TB M.2. Solid State Flash and can handle upto 27 Gbps Firewall & 2.5 Gbps IPsec throughput. It offers 8 ports in total, including 2x SFP28 25 Gbps ports.

OPNsense is Deciso's fast growing open source firewall and security platform released under an Open Source Initiative approved license. Its rich feature set is combined with the benefits of open and verifiable sources.

All features can be used from within the easy to use graphical interface, equipped with a build-in search feature for quick navigation. Protecting your network has never been this easy with features such as; the integrated intrusion prevention system and two-factor authentication for safely connecting mobile users.

Dual Power Supply

- Custom designed Failover and Load Balancer*
- Designed to last PSU's with MTBF of 2092K hrs Telcordia TR/SR-332 (Bellcore) or according to MIL-HDBK-217F (25°C) 282K hrs (that is still over 32 years!).

*The integrated load balancer is not symmetric, but assures non-interrupted automatic failover.

Large Storage and Memory

- One terabyte of integrated storage for logging and advanced features
- Sufficient memory for most demanding features and plugins like Zenarmor (for 2000+ connected devices)

Powerful Octa Core Processor

- The fastest of Deciso's single die AMD EPYC™ Embedded based solutions

Package contents

- 19" 1U rack appliance
- Matching power cables (2x)
- Configuration cable
- Quick start guide

Software

- Preinstalled software: OPNsense®
- License: Open Source + 1 year free Business Edition

Hardware specifications

- SFP28 ports [25 Gbps]: 2
- SFP+ ports [10 Gbps]: 2
- GbE RJ45 ports [10/100/1000Mbps]: 4
- USB 3.0 port: 1
- Console port: 1
- Internal storage: 1 TB M.2. solid state flash
- Memory: 64 GB DDR4
- CPU cores: 8 (max. frequency 3.1 GHz)
- Virtual interfaces (802.1q VLANs): 4093

System performance

- Firewall throughput: 27 Gbps
- Firewall packets per second: 2300 Kpps
- Maximum firewall port-to-port throughput: 21 Gbps
- Firewall port-to-port packets per second: 1450 Kpps
- Concurrent sessions: 630000
- New connections per second: 50000
- Firewall latency (average): 100us
- Firewall policies (recommended maximum): 10000
- IPsec VPN throughput (AES256GCM16): 2.5 Gbps
- IPsec VPN packet per second (AES256GCM16): 220 Kpps
- Threat protection throughput packet per second: 163 Kpps
- Threat protection throughput: ~2 Gbps
- High availability with status synchronisation: Requires two

Dimensions

- Height x width x depth (mm): 44.5 (1U) x 482.6 (19?) x 280 (254 without panel)
- Height x width x length (inches): 1.75 x 19 x 11 (10 without panel)
- Form factor: 19? rackmountable
- Weight (unit only): 3.85 kg

Environment

- Power requirements: 100-240 V AC, 50-60 Hz
- Maximum current (single power supply): 2.2 A
- Power consumption (typical - single power supply): 60 W
- Heat output: 204.6 BTU/hour
- Operating temperature: 0°C to +50°C
- Storage temperature: -20°C to +70°C
- Humidity: 10-90% non-condensing

Regulatory compliance

- FCC Part 15 Class A, CE, Rohs

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability

