Item no.: DEC840

DEC840 - OPNsense® Desktop Security Appliance

from **1.296,51 EUR**

Item no.: DEC840
shipping weight: 1.90 kg
Manufacturer: Deciso

Product Description

DEC840 – OPNsense® Desktop Security Appliance

A great performer with AMD EPYC™ performance in a small fanless enclosure. This model includes 8 GB DDR4 RAM, 256 GB M.2. Solid State Flash and can handle upto 14.6 Gbps Firewall & 2.3 Gbps IPsec throughput.

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.

Package Contents

- Desktop appliance
- Power cord
- Power supply
- Configuration cable
- Quickstart guide

Software

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

Hardware Specifications

- SFP+ ports [10 Gbps]: 2
- GbE RJ45 ports [10/100/1000 Mbps]: 4
- USB 3.0 ports: 2
- Console port: 1
- Internal storage: 256 GB M.2. Solid State Flash
- Memory: 8 GB DDR4
- CPU cores: 4 (max. frequency 2.9 GHz)
- Virtual interfaces (802.1q VLANS)*: 4093

System Performance

- Firewall throughput: 14.6 Gbps
- Firewall packets per second: 1200 Kpps
- Firewall port to port throughput: 14.6 Gbps
- Firewall port to port packets per second: 122000
- Concurrent sessions: 7000000
- New connections per second: 50000
- Firewall latency (average): 100 us
- Firewall policies (recommended maximum)*: 10000
- IPsec VPN throughput (AES256GCM16): 2.3 Gbps
- IPsec VPN packet per second (AES256GCM16): 200 Kpps
- Threat protection throughput packet per second: 163 Kpps
- Threat protection throughput: ~2 Gpbs
- High availability with state synchronisation: Requires two

Dimensions

- Height x width x length (mm): 48 x 199 x 186
- Height x width x length (inches): 1.89 x 7.83 x 7.32
- Form factor: Desktop (optional wallmount)
- Weight (appliance only): 1.9 kg

Environment

- Power requirements: 100-240 V AC, 50-60 Hz
- Maximum current: 1.4 A
- Power consumption (typical): 40 W
- Heat dissipation: 136.5 BTU/hr
- 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