Item no.: DEC3850

DEC3850 - OPNsense® Rack Security Appliance

from **1.869,05 EUR**

Item no.: DEC3850
shipping weight: 3.50 kg
Manufacturer: Deciso

📄 Product Description

DEC3850 – OPNsense® Rack Security Appliance

A great performer with AMD EPYC™ performance in a rack mountable enclosure. This model includes 16 GB DDR4 RAM, 256 GB M.2. Solid State Flash and can handle upto 17.6 Gbps Firewall & 2.5 Gbps IPsec throughput.

The Open-Source, Turn-Key Solution that Is Ready for Your Business

OPNsense(R) is a free, open source customized distribution of FreeBSD 11.1 tailored for use as a firewall and router. It includes a long list of features including high-end features such as inline Intrusion Prevention. The robust firmware upgrade mechanism assures fast and reliable upgrades and allows for fast reaction on emerging threats.

Package Contents

- 19" 1U rack appliance
- Matching power cord
- Configuration cable
- Quick start 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: 16 GB DDR4
- CPU cores: 8 (max. frequency 3.1 GHz)
- Virtual interfaces (802.1q VLANS): 4093

System Performance

- Firewall throughput: 17.6 Gbps
- Firewall packets per second: 1450 Kpps
- Firewall port-to-port throughput: 17.6 Gbps
- Firewall port-to-port packets per second: 1450 Kpps
- Concurrent sessions: 15000000
- Connections per second: 50000
- Firewall latency (average): 100us
- Firewall policies (recommended maximum): 10000
- IPsec VPN throughput (AES256GCM16): 2.5 Gbps
- IPsec VPN packets per second (AES256GCM16): 220 Kpps
- Threat protection throughput packets per second: 163 Kpps
- Threat protection throughput: ~2 Gbps
- High availability with state synchronisation: Requires two

Dimensions

- Height x width x length (mm): 44.5 (1 U) x 482.6 (19") x 280 (254 excl. panel)
- Height x width x length (inches): 1.75 x 19 x 11 (10 excl. panel)
- Form factor: 19" rack-mountable
- Weight (appliance only): 3.4 kg

Environment

- Power requirements: 100-240 V AC, 50-60Hz
- Maximum current (AC): 2.2 A
- Power consumption (typical): 45 W
- Heat dissipation: 153.6 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