



IPsec & SSL Security Offload Engine with dual Gigabit Ethernet options

Product #OSS-securePMC



Description

PMC-based IPsec/SSL encryption; up to 1 Gbps bulk data encryption and hashing; PCI 32/64-bit, 33/66 MHz bus interface

Product Features

- IPsec and SSL encryption on a single PMC board
- Up to 1 Gbps bulk data encryption and hashing
- Multi-Algorithm support: RSA, Diffie-Hellman (groups 1, 2, 5), DES/3DES, AES, ARC4, MD5, SHA 1, HMAC-MD5, HMAC-SHA1
- Features industry leading Cavium security processor, offering advantages in scalability and performance
- Designed to meet FIPS 140-2 Level 2 requirements; Versions available to meet FIPS 140-2 Level 3 requirements

Ordering Information

PMC-based IPsec/SSL encryption

- Product #OSS-securePMC-L

Dual GigE Copper PMC with IPsec/SSL

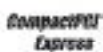
- Product #OSS-securePMC-2GCL

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Specifications

Form Factor	• IEEE P1386 single width CMC
Encryption Controller	• Cavium CN1010-P Nitrox Lite security processor
Ethernet MAC	• Intel 82546 Dual Ethernet Controller
PCI Bus Interface	• 32/64-bit, 66 MHz PCI; 3.3V signaling
Power Requirements	• 3-8W depending on configuration
Environmental Operating	• Temperature: 0 to 55°C • Humidity: 10 to 85% non-condensing
Environmental Storage	• Temperature: -40 to 85°C • Humidity: 10 to 95% non-condensing
Pending Certifications	• FCC Part 15 Subpart B • EN55022 • EN55024 • UL60950 3rd edition • IEC60950 3rd edition • FIPS 140-2 Level 3
Drivers	• Linux
Software	• Free S/WAN IPsec and OpenSSL for Linux



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