ABC-130

High performance IPSec and SSL accelerator PCI card with Cavium CN1010

FEATURE

- Universal voltage input, support both +3.3V and +5V
- Multi Algorithm support
- Multi Protocol support: IPSec & SSL
- Support unlimited SSL sessions and IPSec SAs with host memory
- On chip true Random Number Generator
- Software drivers for Linux, BSD and VxWorks

SPECIFICATION

Crypto Chip	- Cavium CN1005-350BG256
PCI Bus	- 32-bit, 66MHz universal (5V or 3.3V) PCI card
Algorithm Support	- RSA and Diffie-Hellman - DES/3DES, AES, ARC4 - MD5, SHA-1, HMAC-MD5, HMAC-SHA-1
Protocol Support	- Macro support for IPSec and IKE - Macro support for SSL, TLS and WTLS
Driver Support	- Linux - BSD - VxWorks/Windows
Performance	- 6K 1024bit Diffie Hellman ops/sec - 3.5K 1024bit RSA operations/sec - Full SSL record throughput 400Mbps (ARC4+MD5) - Full IPSec packet processing 400Mbps (AES/3DES+SHA1)
Dimension	56(W) x 120(L) mm; 2.2"(W) x 4.72"(L)

ORDERING GUIDE

Part No.	Description
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