



CAI Networks™

CAI-RSA SSL Acceleration Cards for WebMux Load Balancers

CAI-RSA Acceleration Cards enhance Secure Sockets Layer (SSL) performance for encrypting data transferred over the Internet. SSL is commonly used to provide secured transfers of credit card information and other sensitive data in an e-commerce situation. SSL can also be used to create a virtual private networking (VPN tunnel), as well as facilitate SSL VPN, IPSec, and PPTP.

Performance

CAI-RSA3500

CAI-RSA7000

TLS/SSL ops/second w/1024 bit key	3,500	7,000
MaxDH 180-bit exponent w/1024-bit Mod	6,000	12,000
Full IPsec packet processing (w/AES/3DES)	400 Mbps	1,000 Mbps
Full SSL record throughput (2/RC4+MD5)	400 Mbps	1,000 Mbps

Supported Algorithms

RSA and Diffie-Hellman	Yes	Yes
DES/3DES, AES, ARC4	Yes	Yes
MD5, SHA-1, HMAC-MD5, HMAC-SHA-1	Yes	Yes

Interface

PCI-X 64bit/133Mhz	Yes	Yes
--------------------	-----	-----

WebMux Model Support

WebMux Load Balancer	591SG/680PG	591SG/680PG
----------------------	-------------	-------------

Other

EO RoHS compliant	Yes	Yes
Power Consumption	10 watts	10 watts
Product Warranty (Parts & Labor)	3 Years	3 Years
Technical Support (Phone/Email)	3 Years	3 Years