



1.888.248.4900

US & Canada Toll Free Number

1.408.248.8960 Phone • 1.408.248.8961 FAX

www.avanu.com

CAI Networks CAI-RSA Cards for WebMux™ Load Balancers SSL Acceleration Cards



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.

The WebMux family provides high performance server load balancing to fit a wide range of requirements and offers one of the industry's lowest Total Cost of Ownership (TCO). WebMux's capability, flexibility, simplicity, and scalability lets you easily create and manage many pools, or farms, of servers, for a wide range of applications, including Internet Web, FTP, email, Microsoft® Office Communications Server 2007 & Office Live Communications Server 2005 (Tested & validated by Microsoft®), and Oracle® Application Server® 10g (Validated by Oracle).

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 Gig Load Balancer	590SG/590SGX/680PG	590SG/590SGX/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