

Intel® NetStructure™ 7110 e-Commerce Accelerator

Greater speed for secure online transactions

KEY FEATURES

- *Up to 50 times¹ faster SSL processing for improved speed*
- *Easy, drop-in installation, leaving servers intact*
- *Scalable, failover design for continued e-Commerce security*
- *Supports a single server or a server farm*

Boost the overall performance of your e-Commerce servers, offering customers speed *and* security during online transactions with the Intel®



NetStructure™ 7110 e-Commerce

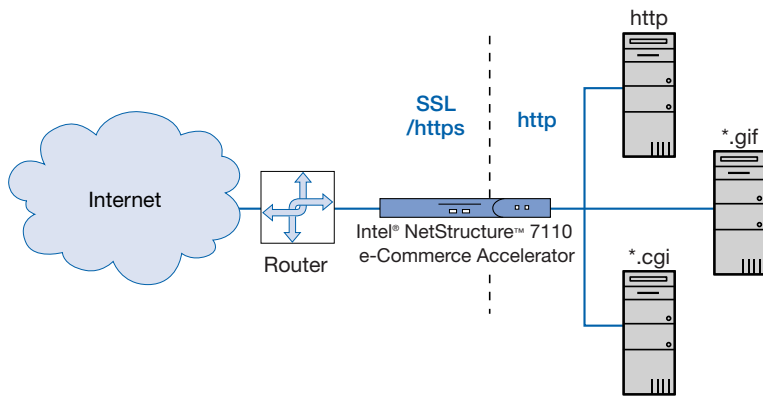
Accelerator. Compact and easy to install in any server environment, the Intel NetStructure 7110 e-Commerce Accelerator offloads the job of Secure Socket Layer (SSL) encryption/decryption with patent-pending hardware and software to improve response times of secure transactions. The Intel NetStructure 7110 e-Commerce Accelerator can handle up to 200 secure connections per second, enhancing SSL processing by up to 50 times¹. This frees Web server resources to deal with customer traffic more rapidly. Multiple units can be cascaded together for scalability as your e-Commerce traffic increases. During peak periods, SSL traffic overflow will be seamlessly cascaded to the next Intel NetStructure 7110 e-Commerce Accelerator to the server. Failover pass-through technology enables the Intel NetStructure 7110 e-Commerce Accelerator to take itself out of service automatically, if need be, handing off its SSL functions to the next unit or to the server for uninterrupted performance.

Features

Benefits

Patent-pending encryption/decryption hardware and software	Up to 50 times ¹ faster SSL performance
Offloads SSL handling from e-Commerce servers	Maximize Web server investment
Provides up to 3DES level of encryption	Trusted e-Commerce transactions
Handles up to 200 secure transactions per second	Security without sacrificing speed
Automatically works with all kinds of servers, in any number	Easily introduced into any server environment
Dynamically scalable architecture	Add SSL capability as e-Commerce traffic increases
Drop-in installation between router and servers	Easy to install; no need for additional server hardware or software
Internet standards-based	Compatible with network traffic appliances





Offload SSL Processing to Regain Valuable Server Performance for Your e-Commerce Sites

SPECIFICATIONS

Intel® NetStructure™ 7110 e-Commerce Accelerator

SERVERS SUPPORTED	<ul style="list-style-type: none"> ■ All commercial Web servers – Apache, Microsoft, Netscape, etc. ■ All operating systems – UNIX, Solaris*, Windows NT*, OS400*, BSD/BSDI, AIX, etc. ■ All server hardware – Sun, HP, IBM RS 6000* AND AS/400*, Compaq, SGI, Intel-based platforms ■ No practical limit on number of servers
SYSTEM ADMINISTRATION	<ul style="list-style-type: none"> ■ Command Line Interface ■ Dynamic configuration through password-protected serial console ■ Certificate, private key, port numbers/IP per certificate, display log/diagnostic information ■ Transparent operation – Internal certificate generation for intranet testing and configuration
SECURITY ALGORITHMS SUPPORTED	RSA, DSA, RC2, RC4, RC5, DES, 3DES, IDEA, CAST, CAST5, Blowfish, MD5, MDC2, RMD-160, SHA, SHA-1
SYSTEM FAULT TOLERANCE WITH FAIL THROUGH	<ul style="list-style-type: none"> ■ Fail through switch (internal) ■ Power failure ■ Security alert detection ■ Front panel in-line/off-line switch ■ Software failure ■ Command Line Interface
INTERFACE CONNECTIONS	<ul style="list-style-type: none"> ■ Dual 10/100 Ethernet ■ Dual TTY serial – console ■ Front Panel ■ RESET – soft reset to existing setting; hard reset restores factory defaults ■ BYPASS – toggle between processing and not processing SSL transactions ■ LIGHTS – power, activity, overload, network, in-line, server
PHYSICAL SPECIFICATIONS Dimensions (WxHxD)	Standard 19in rack-mount 16.6875 x 1.75 x 16.6875in

FOR PRODUCT INFORMATION

World Wide Web:	www.intel.com/network
U.S. and Canada	800-538-3373
Europe	+44-1793-431-155
Japan	+81-298-47-0800
Hong Kong, Taiwan, Korea, Singapore and ASEAN	+65-735-3811
Australia	+61-2-9937-5800

ORDER CODE

Intel® NetStructure™ 7110 e-Commerce Accelerator	CEA7110SUS
---	------------

COMPANION PRODUCTS

Consider these related Intel products in your network planning.

- Intel® NetStructure™ 7140 Traffic Director
- Intel® NetStructure™ 7170 Traffic Director
- Intel® NetStructure™ 7180 e-Commerce Director
- Intel® NetStructure™ 7190 Multi-Site Traffic Director

CUSTOMER SUPPORT

Intel® Customer Support Services offers a broad selection of programs including extended phone support, upgrades, parts replacement, on-site services and installation. For more information, contact us on the World Wide Web at support.intel.com/support/network or call the number listed in the Product Information section for your area. Service and availability may vary by country.

* Tested publicly at NetWorld and Interop 1999 show May 10-12 using Sun E450 server with Solaris* operating system. Also see Networkshop "Scaling E-Commerce Applications" report of 1999: <http://www.networkshop.ca>

* Third-party trademarks are the property of their respective owners.

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice. For the most current product information, please visit <http://www.intel.com/network>

