



SafeNet High Speed Encryptors at a Glance

The table sets out the high speed encryptor models and their comparative features by series:

- CN6000 Series
- CN3000 Series
- CN1000 Series
- CS Series

Their market-leading features are summarized to enable easy comparison and identification. Please note that this information is not a complete list of all the SafeNet high speed encryptors and is only a summary of their features. Additional product information for these or any other high speed encryptors are available by contacting SafeNet.

MODEL	CN6040		CN6100	CN3000		CN1000					CS10	CS100
Protocol	Fibre Channel	Ethernet	Ethernet	Ethernet	SONET/SDH	Ethernet	Fibre Channel	ATM	SONET	E1/T1	Ethernet	Ethernet
Speed	1,2,4 Gbps	1 Gbps	10 Gbps	10 Gbps	10 Gbps (OC-192)	1 Gbps	1,2,4 Gbps	622 Mbps	2 Gbps (OC-3/12/48)	2/1.5 Mbps	10 Mbps	100 Mbps
Protocol and application transparent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Common Criteria certified	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FIPS certified	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAPS certified	N/A	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
Low overhead full duplex line-rate encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A
Ultra low latency for high performance	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A
Front panel access for all interfaces	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Support for external (X.509v3) CAs	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓
Robust AES encryption algorithm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CRL and OCSP server support	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓
Automatic key management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Flexible encryption policy engine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encrypts Unicast, Multicast and Broadcast traffic	N/A	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	✓	✓
Policy based on MAC address or VLAN ID	N/A	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	✓	✓
Support for Jumbo frames	N/A	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A
Self-healing key management in the event of network outages	N/A	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	✓	✓
Per packet confidentiality and integrity with AES-GCM encryption*	N/A	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	✓	✓
Fibre Channel point-point encryption	✓	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
Smart network discovery and automatic connection establishment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Centralized configuration and management using CM7 or SMC	CM7	CM7/SMC	CM7/SMC	CM7	CM7	CM7	CM7	CM6	CM7	CM6	CM7	CM7
Remote management using SNMPv3 (in-band and out-of-band)	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓
FPGA based cut-through architecture	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A
Tamper resistant and evident enclosure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dual swappable AC or DC power supplies	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
User replaceable fans and battery module	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fully interoperable with related CN/CS models	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓

*Pending firmware release

The encryptor features and specifications information is subject to change without notice to meet product and customer needs.

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