

# Create the solution that fits your business



Deep Packet Inspection Card		Lannic 100A	Lannic 100B	Lannic 1600C	Lannic 1600D
<b>General</b>	Application	AV/IPS/IM&P2P Security	AV/IPS/IM&P2P Security	AV/IPS/IM&P2P Security	AV/IPS/IM&P2P Security
	Packet Inspection Throughput	30/60/100 Mbps	30/60/100 Mbps	1/1.6 Gbps	1/1.6 Gbps
	DPI Deterministic Performance	Yes	Yes	Yes	Yes
	Operating Clock (MHz)	180	180	133	133
	Host Interface	32-bit 33/66 MHz Mini-PCI	32-bit 33/66 MHz PCI	64-bit 100/133 MHz PCI-X	PCI-Express x4
	Data De-compression HW/SW (ZIP/GZIP/RAR 2.0/3.0)	No/Yes	No/Yes	No/Yes	No/Yes
	Packet-based Real Time Scanning	Yes	Yes	Yes	Yes
<b>Rules Database</b>	Database I/F	16-bit 400 MHz DDR	16-bit 400 MHz DDR	32-bit 266 MHz DDR 64-bit 133MHz SDRAM	32-bit 266 MHz DDR 64-bit 133MHz SDRAM
	Rules Format	Regular Expression	Regular Expression	Regular Expression	Regular Expression
	Database Memory	1GB	1GB	1GB	1GB
	Individual Rule Update	Yes	Yes	Yes	Yes
	Database Support	Intrusion/Virus /IM&P2P	Intrusion/Virus /IM&P2P	Intrusion/Virus /IM&P2P	Intrusion/Virus /IM&P2P
<b>Pattern Matching</b>	Multiple Packet Matching	Yes	Yes	Yes	Yes
	Complete Packet Inspection	Yes	Yes	Yes	Yes
	File Size Limitation	No Limit	No Limit	No Limit	No Limit
	Session Limitation	No Limit	No Limit	No Limit	No Limit



VPN accelerator Card	AV-SFB160	AV-CVB100	AV-CVB200	AV-CVA400	AV-CVB400	AV-CVA1000
<b>VPN Engine</b>	Safenet SafeXcel 1141	Cavium CN501	Cavium CN505	Cavium CN1005	Cavium CN1005	Cavium CN1010
<b>Form Factor</b>	Mini-PCI	Mini-PCI	Mini-PCI	PCI-X	Mini-PCI	PCI-X
<b>Interface</b>	PCI 32bit	PCI 32bit	PCI 32bit	PCI 64bit	PCI 32bit	PCI 64bit
<b>IPSec Operation</b>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>	<ul style="list-style-type: none"> <li>IPSec ESP and AH transforms</li> <li>Basic encrypt/decrypt and hash operations</li> <li>Public Key operations</li> <li>Random Number Generation operations</li> </ul>
<b>Driver Support</b>	Linux, NetBSP, FreeBSD, zVxWorks, Windows	Linux, FreeBSD, VxWorks, Windows	Linux, FreeBSD, VxWorks, Windows	Linux, FreeBSD, VxWorks, Windows	Linux, FreeBSD, VxWorks, Windows	Linux, FreeBSD, VxWorks, Windows
<b>Compatible Platforms</b>	All models	All models	All models	FW-78XX Series, FW-88XX Series	All models	FW-78XX Series, FW-88XX Series



Expansion modules	4 Port GbE w/ Bypass	4 Port GbE	2 Port GbE w/ Bypass	2 Port GbE	4 Port SFP	2 Port SFP	2 Port SFP w/ Bypass	2 Port 10GbE SFP
<b>Module Number</b>	NCM-IG407A	NCM-IG407B	NCM-IG407C	NCM-IG407D	NCM-IG411A	NCM-IG411B	NCM-IG208	NCM-IG419
<b>Compatible Platform</b>	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870	FW-8890/FW-8880/FW-8870
<b>Network Chip</b>	Intel 82571	Intel 82571	Intel 82571	Intel 82571	Intel 82571	Intel 82571	Intel 82571	Intel 82598EB
<b>Speed (Mbps)</b>	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	1000/10000
<b>Interface</b>	PCI-e x8	PCI-e x8	PCI-e x8	PCI-e x8	PCI-e x8	PCI-e x8	PCI-e x8	PCI-e x8
<b>Connection</b>	RJ-45	RJ-45	RJ-45	RJ-45	SFP	SFP	SFP	SFP
<b>Port Number</b>	4	4	2	2	4	2	2	2
<b>By-pass Function</b>	Yes	—	Yes	—	—	—	Yes	—