

Lanner Ethernet Modules

Lanner's Ethernet modules are used with products in the FW-8700 and FW-8800 series. This modular design enables you to get an appliance with the exact number and type of ports you require. Modules vary in port density, bandwidth, chipset, bypass support and whether they are come with fiber or copper ports. Please refer to the table to check compatibility between modules and products. The NCS modules are from a newer generation of modules that are 2 cm slimmer than the NCM modules.



NCS-IGM806AB: Slim type 8-port Copper GbE Module NCM-ITM201A: Wide type 2-port Copper 10 GbE Module

Slim Module	Ports	Chipset	Bypass*	FW-8895
GbE Copper Modules				
NCS-IGM427A NEW	4	Intel Cave Creek	2 Pairs G3	V
NCS-IGM427B NEW	4	Intel Cave Creek	N/A	V
NCS-IGM806A NEW	8	2 x Intel i350-AM4	4 Pairs G3	V
NCS-IGM806B NEW	8	2 x Intel i350-AM4	N/A	V
NCS-IGM808A NEW	8	Intel i210AT	4 Pairs G3	V
NCS-IGM808B NEW	8	Intel i210AT	N/A	V
GbE Fiber Modules				
NCS-ISM405A NEW	4	1 x Intel i350-AM4	Yes	V
NCS-ISM406A NEW	4	1 x Intel i350-AM4	N/A	V
NCS-ISM802A NEW	8	2 x Intel i350-AM4	N/A	V
10G Fiber Modules				
NCS-IXM204A NEW	2	Intel 82599E5	N/A	V
NCS-IXM205A NEW	2	Intel 82599E5	1 Pair G3	V
NCS-IXM405A NEW	4	Intel 82599E5	N/A	V



Intel® Ethernet

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Wide Module	Ports	Chipset	Bypass*	FW-8892	FW-8875	FW-8865	FW-8760	FW-8758	FW-7575
GbE Copper Modules									
NCM-IGM201A	2	Intel 82574L	1 Pair G2	V	V	V	V	V	V
NCM-IGM201B	2	Intel 82574L	N/A	V	V	V	V	V	V
NCM-IGM401A	4	Intel 82574L	2 Pairs G2	V	V	V	V	V	V
NCM-IGM401B	4	Intel 82574L	N/A	V	V	V	V	V	V
NCM-IGM403A	4	Intel 82576EB	2 Pairs G2	V	V	V	V	V	V
NCM-IGM403B	4	Intel 82576EB	N/A	V	V	V	V	V	V
NCM-IGM404A	4	Intel 82576EB	2 Pairs G2	V	V				
NCM-IGM404B	4	Intel 82576EB	N/A	V	V				
NCM-IGM425A	4	Intel 82580DB	2 Pairs G3	V	V				
NCM-IGM425B	4	Intel 82580DB	N/A	V	V				
NCM-IGM425C	4	2 x Intel i350-AM2	2 Pairs G3	V	V				
NCM-IGM425D	4	2 x Intel i350-AM2	N/A	V	V				
NCM-IGM801A	8	Intel 82574L	2 Pairs G2	V	V	V	V	V	V
NCM-IGM801B	8	Intel 82574L	N/A	V	V	V	V	V	V
NCM-IGM802A	8	Intel 82576EB	2 Pairs G2	V	V	V	V	V	V
NCM-IGM802B	8	Intel 82576EB	N/A	V	V	V	V	V	V
NCM-IGM804A	8	Intel 82580EB	4 Pairs G3	V	V				
NCM-IGM804B	8	Intel 82580EB	N/A	V	V				
NCM-IGM807A NEW	8	2 x Intel i350-AM4	4 Pairs G3	V	V	V	V	V	V
NCM-IGM807B NEW	8	2 x Intel i350-AM4	N/A	V	V	V	V	V	V
GbE Fiber Modules									
NCM-ISM202A	2	Intel 82576EB	Yes	V	V		V	V	
NCM-ISM403A	4	Intel 82580DB	N/A	V	V				
NCM-ISM404A	4	Intel 82576EB	N/A		V				
NCM-ISM406A	4	1 x Intel i350-AM4	N/A			V		V	
NCM-ISM801A	8	Intel 82576EB	N/A	V	V	V	V	V	V
10G Copper Modules									
NCM-ITM201A	2	Intel 82599E5	N/A	V	V	V	V	V	V
10G Fiber Modules									
NCM-IXM202A	2	Intel 82599E5	Yes	V	V	V	V		V
NCM-IXM203A	2	Intel 82599E5	N/A	V	V	V		V	V
NCM-IXM401A	4	Intel 82599E5	N/A	V	V				

About Bypass

Bypass ports allow uninterrupted network traffic even if a single in-line appliance is shut down or hangs. Lanner's R&D have developed the basic bypass functionality further to provide higher reliability and greater control.

Lanner Generation 2 Bypass (G2)

From G2, bypass pairs can be dynamically controlled during system run-time and remote control is enabled. There is no longer a hardware jumper required.

Lanner Generation 3 Bypass (G3)

In addition to what G2 offers, G3 includes multiple watchdogs, and the ability to enable bypass during power-on and disable bypass during power-off, so completely lossless network communications is achieved. G3 is also independent of the Intel architecture platform of the host system.

For more information on Lanner's advanced bypass technology, please see our white paper 'The Evolution of LAN Bypass Technology: Lanner's Generation One to Generation Three Bypass.'