



Lanner Network NIC Module – Wide Type
Quick Installation Guide

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Revision History

Rev	Date	Descriptions
1.0	September 10, 2015	Official release

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About This Manual

The purpose of this document is to provide installation instructions for Lanner Ethernet NIC modules. The contents of this manual are intended for individuals with some levels of engineering knowledge and background.

This manual covers instructions all current types of Lanner's slide-rail kits and is subject to change without notice.

Precautions:

- Shut down the system before conducting the installation.
- Be sure you have proper ESD protections such as ESD gloves or grounding straps before handling the system.
- The installation procedures in this document shall be conducted by technically trained or qualified individuals.
- Do NOT reach into a vacant module slot to avoid electrical shock.

Installing Network NIC Modules

Lanner offers a wide variety of network NIC modules empowered by Intel® Ethernet controllers to enhance performance and bandwidth for network appliances. To meet various demands of today's networking environments, Lanner has over 20 different modules including slim and wide, copper, fiber, bypass, and with network speeds ranging from GbE, 10GbE to 40GbE network connectivity.

The following will provide a general installation procedure of Lanner network modules in wide type. Please be noted that the module and the network appliance are for reference only.

1. Hold and rotate to loosen the two thumb screws on the front bezel.



2. Remove the front bezel.



3. Orient the module in the correction direction. Make sure the LAN ports are facing you while the gold fingers are facing the expansion space.



4. Insert the modules until it is firmly seated at the back of the expansion space. You should hear a “click” sound.



5. When sliding the module into the slot, make sure the module properly stays in the guides of the expansion space.



6. Apply and fasten two screws to secure the module.



Attention: Make sure NO Ethernet cables are connected to the module during installation.

Lanner NIC Modules

Wide Module Types	Number of LAN ports	Chipset	Bypass
GbE Copper Modules			
NCM-IGM201A/B	2	Intel® 82574L	1 pair of Gen2 or N/A
NCM-IGM401A/B	4	Intel® 82574L	2 pairs of Gen2 or N/A
NCM-IGM403A/B	4	Intel® 82576EB	2 pairs of Gen2 or N/A
NCM-IGM801A/B	8	Intel® 82574L	2 pairs of Gen2 or N/A
NCM-IGM802A/B	8	Intel® 82576EB	2 pairs of Gen2 or N/A
NCM-IGM807A/B	8	2 x Intel® i350-AM4	4 pairs of Gen2 or N/A
GbE Fiber Modules			
NCM-ISM202A	2	Intel® 82576EB	Yes
NCM-ISM403A	4	Intel® 82580DB	N/A
NCM-ISM406A	4	Intel® i350-AM4	N/A
NCM-ISM801A	8	Intel® 82576EB	N/A
10GbE Copper Modules			
NCM-ITM202A	2	Intel® X540	N/A
10GbE Fiber Modules			
NCM-IXM202A	2	Intel® 82599ES	Yes
NCM-IXM203A	2	Intel® 82599ES	N/A

Notes: For more details about LAN bypass, please download the manual from our official website.