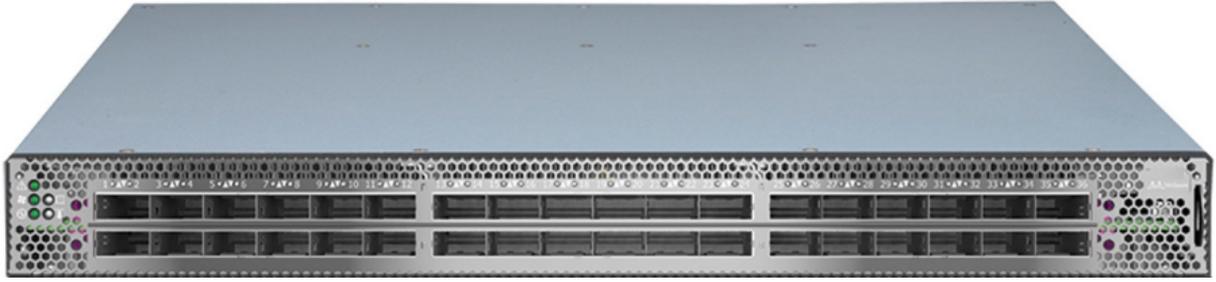




SB77X0 SB78X0 SB67X0 and SX6710G InfiniBand Switch Systems Quick Installation Guide

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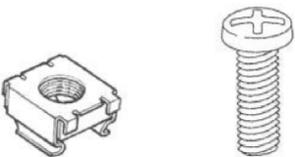
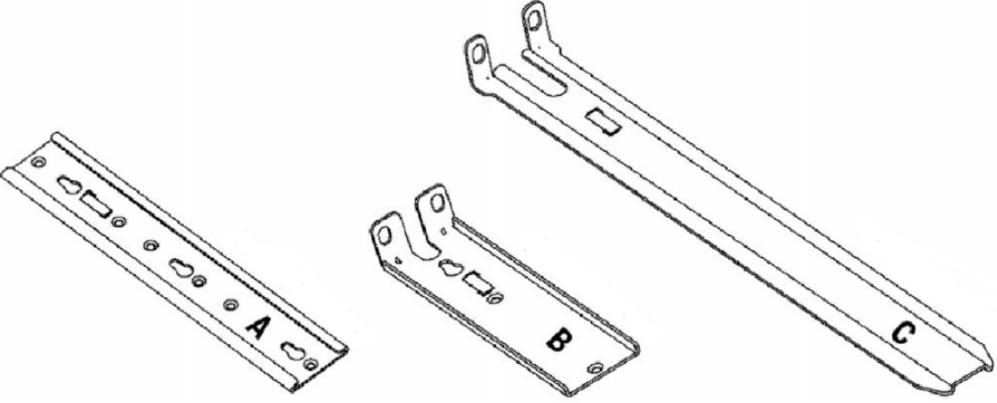
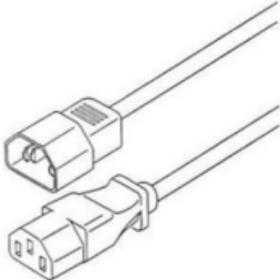
Models: SB7700, SB7780, SB7790, SB7890, SB7800, SX6710, SX6710G, SX6720

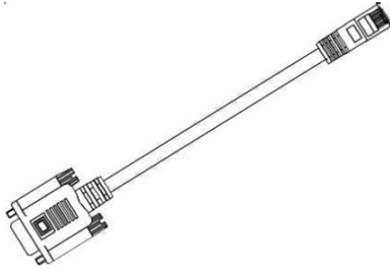
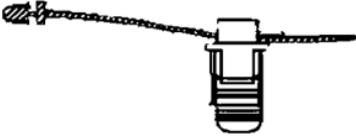
Pay Attention!

- At least two people are required to safely mount the system in the rack.
- All servers and systems in the rack should be planned with the airflow direction. All FRU components must have the same air flow direction. A mismatch in the air flow will affect the heat dissipation.
- The part of the system to which you choose to attach the rails will determine the system's adjustable side. The system's part to which the brackets are attached will be adjacent to the cabinet.
- The FRU side is extractable. Mounting the rack brackets inverted to the FRU side will allow you to slide the FRUs, in and out.

Package Contents

- 1 x System
- Rail Kit for short depth (17"24" / 432-610mm) or standard depth (24" 34" / 610-863mm) racks
- 2 x Power cables - Type C13-C14
- 1 x Harness RS232 2M cable - DB9 to RJ-451 (included in SB7X00, SB7780 and SX67X0 only)
- 1 x Harness CAT6A 2M - RJ-45 to RJ-45 cable
- 2 x Cable retainers

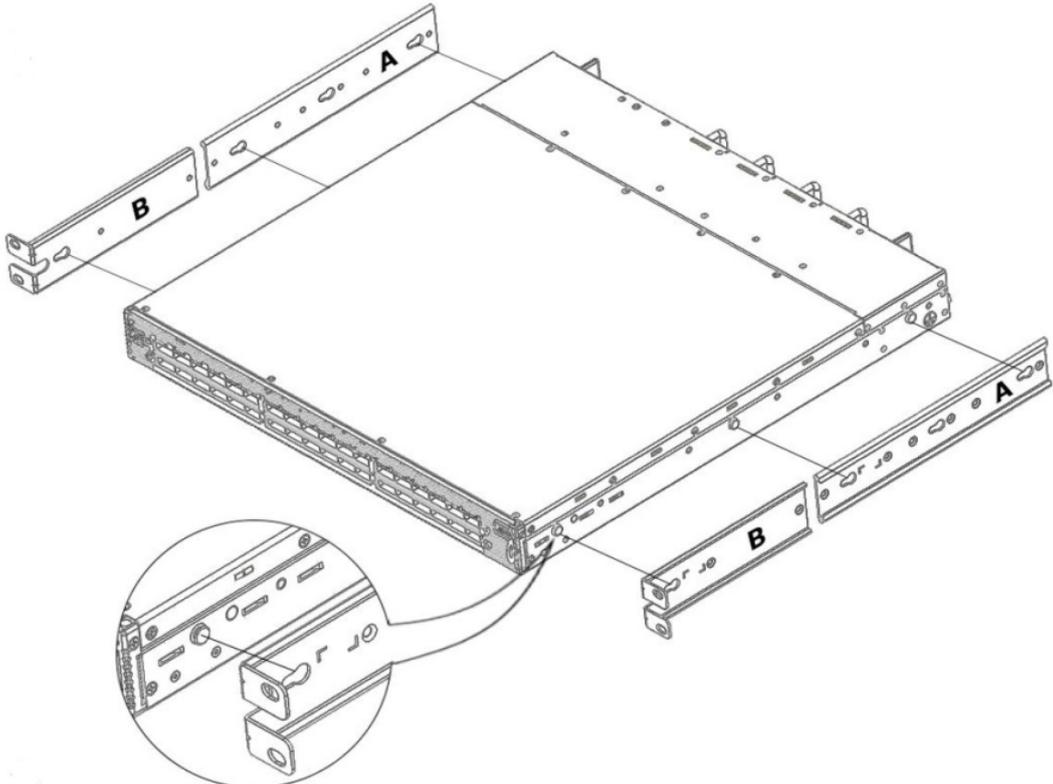
Quantity	Item
X4	
X8 (of each)	
X2 (of each)	
X2	

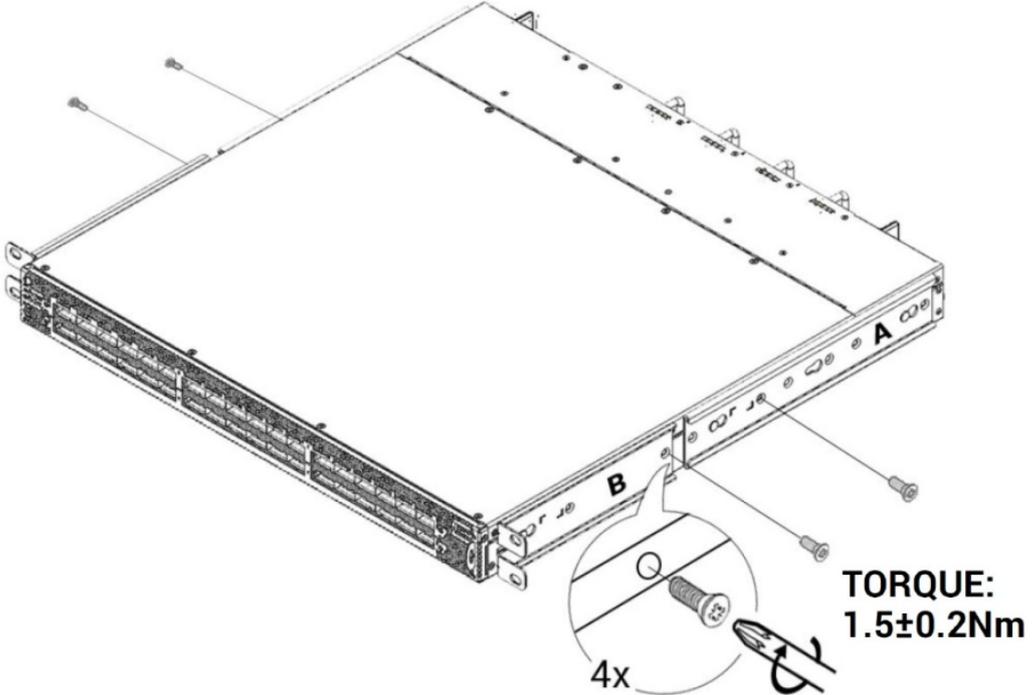
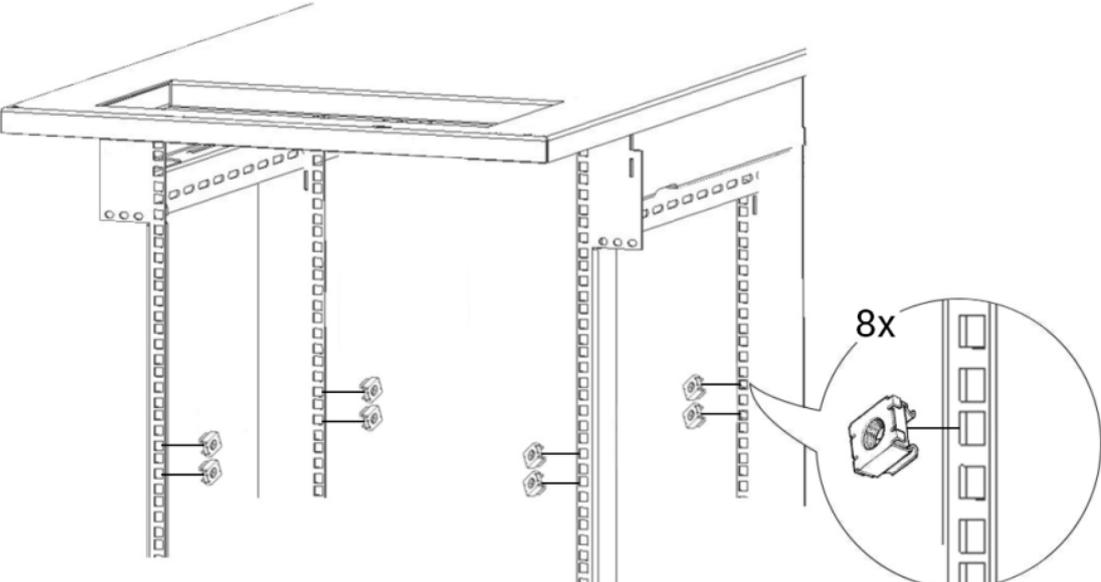
Quantity	Item
X2	
X2	

If anything is damaged or missing, contact your NVIDIA representative at Networking-support@nvidia.com.

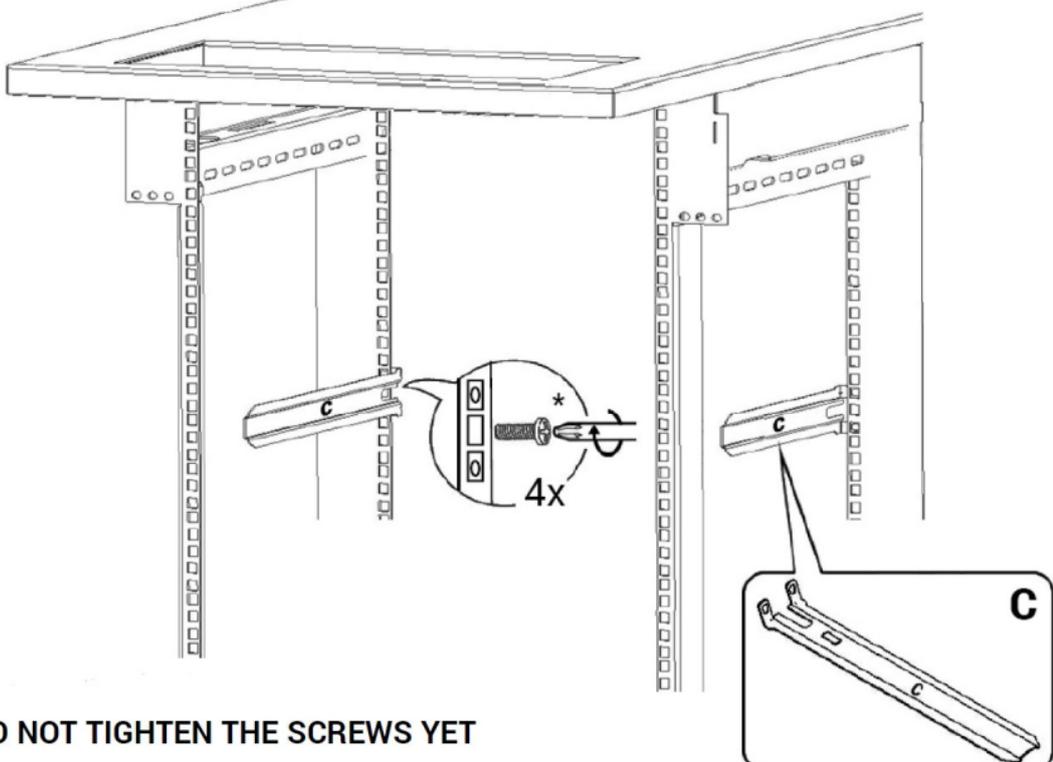
Installation and Configuration

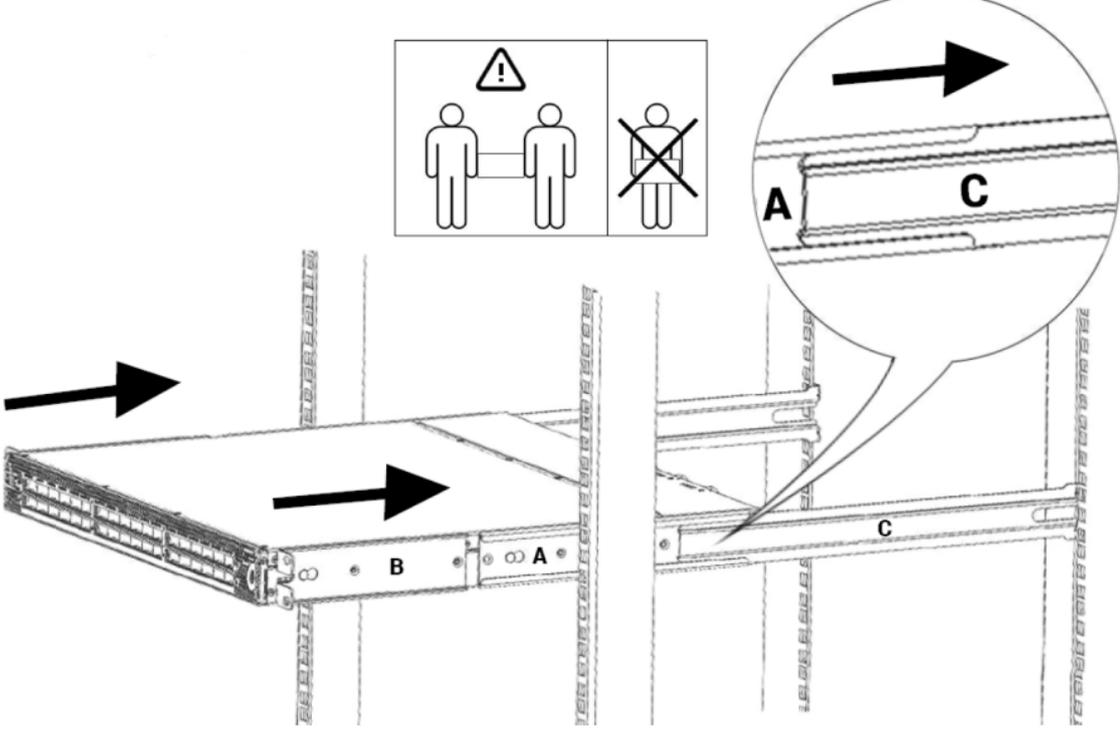
Installation Instructions

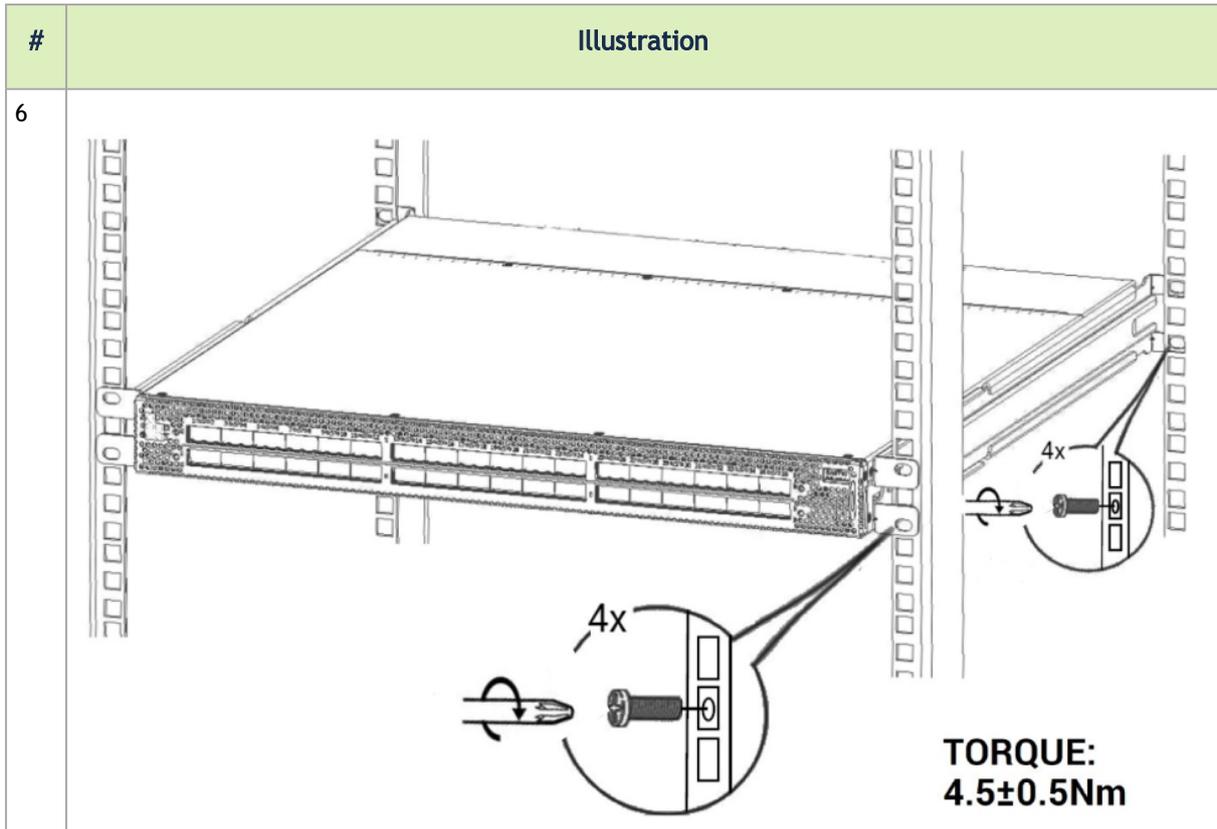
#	Illustration
1	

#	Illustration
2	 <p data-bbox="1109 884 1300 974">TORQUE: 1.5±0.2Nm</p> <p data-bbox="853 974 901 1019">4x</p>
3	 <p data-bbox="1141 1388 1189 1433">8x</p>

#	Illustration
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4	 <p data-bbox="284 1025 810 1061">*DO NOT TIGHTEN THE SCREWS YET</p>
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5	
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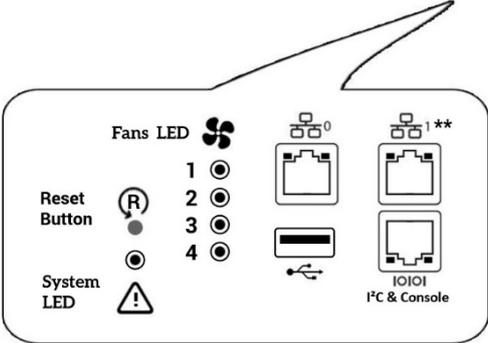
System Interfaces

Connector (Front) Side

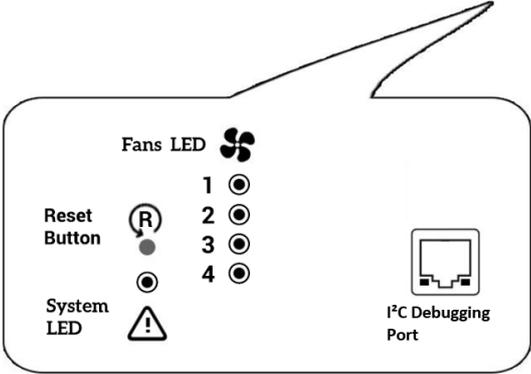


FRU (Rear) Side

Managed Systems



Externally Managed Systems



* It may take up to five minutes to turn on the system. If the System Status LED shows amber after five minutes, unplug the system and contact your NVIDIA representative.

LED Assignments

Symbol	Description	Normal Status
	System health	Green/Flashing
	Fan health	Green
	Power supply health	Green
	Bad port detected	Off
	Identifier LED	Off/Blue
	Reset button	

Configuration

1. Connect the host PC to the Console (RJ-45) port.
2. Configure a serial terminal program.

Parameter	Settings
Baud rate	115200
Data bits	8
Stop bits	1
Parity	None
Flow control	None

3. Login:

OS	Username	Password
Onyx (MLNX-OS)	admin	admin

4. Initial configuration in Onyx (MLNX-OS): Go through the configuration wizard. For further information, please refer to: <https://docs.nvidia.com/networking/category/mlnxos>.

For full installation instructions, go to <https://docs.nvidia.com/networking/category/switchen>.

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